

# S.F.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EkraNagar, Dasavanpura, Virgothangar Post, K. R. Puram, Bengaluru, Karnataka 560079



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING,

### CERTIFICATE

This is to certify the project work entitled "MALWARE DETECTION: A FRAMEWORK FOR REVERSE ENGINEERED ANDROID APPLICATIONS THROUGH MACHINE LEARNING ALGORITHM" has been successfully carried out by **MONIKA BM(ISP19CS056), MONISHA D(ISP19CS057), MOULYA P(ISP19CS058), SAMRUTHA M(ISP19CS062)** of 8th Sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2022-23**. The project report has been approved as it satisfied the academic requirement in respect of the project work prescribed for **Bachelor of Engineering**.

  
Signature of Guide

Prof. Surendranatha Gowda

  
Signature of HOD

Dr. B. Loganayagi  
Prof and HOD, CSE

  
Signature of Principal

Dr. B. Venkata Narayan

  
Signature of Internal Examiner

  
Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K. R. Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "INTRUSION DETECTION FOR SECURE SOCIAL INTERNET OF THINGS BASED ON COLLABORATIVE EDGE COMPUTING" has been successfully carried out by Mr. ANUPAM SWAROOP RAJAN(ISP18CS010), Ms. JYOTI(ISP18CS030), Mrs. JYOTI KUMARI(ISP19CS039), Mr. MD MUSABBIR(ISP19CS053) of VIII Sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2023. The project report has been approved as it satisfied the academic requirement in respect of the Project work prescribed for the Bachelor of Engineering.

  
Signature of Guide

Asst. Prof. Soujanya C N

  
Signature of HOD

Dr. B. Loganayagi

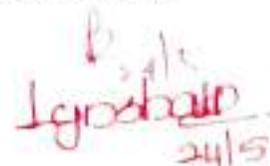
  
Signature of Principal

Dr. B Venkata Narayan

Name of Examiner

1. Sunita Venkatesh
2. Lijnsha Pratheeba HP

Signature with Date

  
24/5

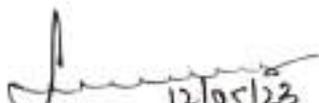
S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY,  
BANGALORE - 49

Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "TWITTER ATTRIBUTE CLASSIFICATION WITH MACHINE LEARNING & DEEP LEARNING ON BITCOIN PRICE PREDICTION" carried out by RAKSHITHA.S(ISP19CS084),THE GALAPALLI MOUNIKA(ISP19CS104),USHA MP(ISP19CS110), YASHASWINI (ISP19CS122) a bonafide student of S.E.A. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of **Bachelor of Engineering** in Computer Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
12/05/23  
Prof. SUKESH H A

Signature of the Guide

  
12/05/23  
Dr. B LOGANAYAGI

Signature of the HOD



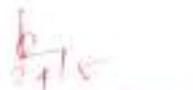
Dr. B VENKATA NARAYANA

Signature of the Principal

External Examiner

1. Supriya Veluchandran
2. Lynsaba Prathaba HP

Signature with date:

  
24/5

**S.J.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

Ueta Nagar, Basavanapura, Virgomagal Post, K. R. Puram, Bengaluru, Karnataka  
560091

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CERTIFICATE**

This is to certify the project work entitled "....." has been successfully carried out by K VISHNI, VARDHAN(SPI9CS040), SAIKUMARK(SPI9CS092), SOHANTATARI (SPI9CS098), VADDI SHIVAPPA(SPI9CS112) of VIII semester in fulfillment for the award of Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belagavi During the year 2022-2023. The project report has been approved as it satisfied the academic requirement in respect of the project work prescribed for Bachelor of Engineering.

*Sushma*  
15/05/23

Signature of Guide  
Asst. Prof. Mrs. Nushma B.A

*Dr. B Loganayagi*  
15/05/23

Signature of HOD  
Dr. B Loganayagi

*Dr. B Venkata Narayana*

Signature of Principal  
Dr. B Venkata Narayana

Name of the Examiner

1. Naaya V K
2. Jayashri M

Signature with Date

*Naaya V K*  
15/05/23  
*Jayashri M*  
15/05/23

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, VirgoNagar Post, K R Puram, Bengaluru, Karnataka

560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "GROUND WATER LEVEL PREDICTION USING MACHINE LEARNING APPROACH" has been successfully carried out by Mr. P ARAVIND (ISP19CS068), Mr. RAVIKUMAR J(ISP19CS086), Mr. SAFWAN AHMED SAFI(ISP19CS089), Mr. SYED KHABEERULLA(ISP19CS102) of VIII Sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2022. The project report has been approved as it satisfied the academic requirement in respect of the Project work prescribed for the Bachelor of Engineering.

Signature of Guide

Asst.Prof. Koushika K H

*Koushika K.H.*  
13/5/23

Signature of Internal Examiner

*B. Loganayagi*  
13/05/23

Signature of HOD

Dr. B. Loganayagi

*B. Venkata Narayan*

Signature of Principal

Dr. B Venkata Narayan

Signature of External Examiner

*21/5/23*

S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY,

BANGALORE - 49

Department of Computer Science and Engineering



## CERTIFICATE

Certified that the project work entitled "A HYBRID AIR QUALITY INDEX PREDICTION MODEL BASED ON CNN AND ATTENTION GATE UNIT" carried out by ABHILASH S (ISP19CS002), DILEEP K C (ISP19CS025), JAGATI BHANU PRAKASH (ISP19CS036) and MANOJ KUMAR S(ISP19CS050), a bonafide student of S.E.A. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of **Bachelor of Engineering** in Computer Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree

  
Asst.Prof. Surendranatha gowda  
Signature of the Guide

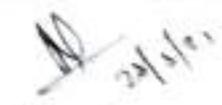
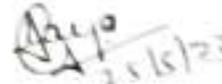
  
Dr. B. Loganayagi  
Signature of the HOD

  
Dr. B. Venkata Narayana  
Signature of the Principal

External Examiner

1. Navya V.K
2. Jayashree M

Signature with date:

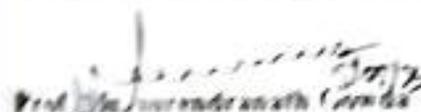
  
24/5/23  
  
25/5/23

V. V. S. COLLEGE OF ENGINEERING & TECHNOLOGY,  
BANGALORE - 49 Department of Computer Science and Engineering



## CERTIFICATE

It is certified that the project work entitled "Cross-Dataset Learning For Age Estimation" carried out by M Rakesh (ISP19CS048), P SivaTeja (ISP19CS072), V Sathish Kumar (ISP19CS111), Chandu L(ISP19CS027), we bonafide student of V. V. S. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of Bachelor of Engineering in Computer Science and Engineering department of the V. V. S. Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work project for the said Degree.

  
Prof. B. Venkatesh  
Signature of the Guide

  
Dr. B. Arzhanayagi  
Signature of the HOD

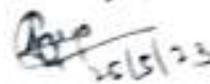
  
Dr. B Venkata Narayana  
Signature of the Principal

External Examiner

Signature with date:

1. Hanish
2. Sampath

  
24/5/23

  
26/5/23

S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY,  
BANGALORE - 49

Department of Computer Science and Engineering



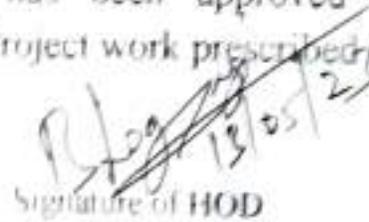
CERTIFICATE

Certified that the project work entitled "WEARABLE SPEECH-BASED FEEDBACK SYSTEM FOR VISUALLY IMPAIRED USING IOT SENSOR" carried out by Mr. Abishek Roy (ISP19CS003), Mr. Roshan (ISP19CS088), Mr. Suprakrit Debnath (ISP19CS101), Mr. Tiwari Shivam Jaikrishna (ISP19CS106) a bonafide student of S.E.A. College of Engineering & Technology, in partial fulfillment for the award of **Bachelor of Engineering** in Computer Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
Signature of Guide

Prof. Soujanya C. N.

  
Signature of HOD

Dr. B. Loganayagi

  
Signature of Principal

Dr. B. Venkata Narayan

External Viva

Name of the Examiners

1. 

2. 

Signature with date





# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanapura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka  
560049



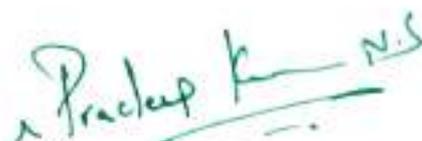
## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "ALZHEIMERS DISEASE DETECTION USING COMPREHENSIVE ANALYSIS OF TIMED UP AND GO TEST VIA KINETIC V,2 CAMERA AND MACINE LEARNING " has been successfully carried out by AMITH B.M(ISP19CS006), EERAPARAJU BHARATH(ISP19CS026), GURUDATT YADAV (ISP19CS029), SHAHID IRFAN(ISP19CS095) in fulfilment compare for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi During the year 2022-2023. The project report has been approved as it satisfied the academic requirement in respect of the mini project work AND Ak prescribed for Bachelor of Engineering.

  
Signature of Guide  
Prof. Sukesh H.A

  
Signature of HOD  
Dr. B. Loganayagi  
21/5/23

  
Signature of Principal  
Dr. B Venkata Narayan

Name of the Examiner

1. P. L. Jayaram
2. Jagritha Pathak

Signature with date

  
Jagritha Pathak  
20/5/23



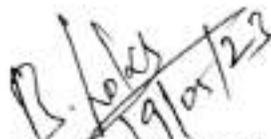
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CERTIFICATE**

This is to certify the project work entitled "A Online media Bot Identification using Machine Learning Algorithm For Twitter Social Networks" has been successfully carried out by **Mr. APOORVA CHAKMA (ISP19CS007)**, **Mr. PRANITH JAIN(ISP19CS074)**, **Mr. PRASHANT KUMAR (ISP19CS075)**, **Mr. RAHUL THAKUR(ISP19CS081)** of VIII Sem in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2022. The project report has been approved as it satisfied the academic requirement in respect of the Project work prescribed for the Bachelor of Engineering.

  
Signature of Guide

**Asst Prof. Jaya Shri M**

  
Signature of HOD

**Dr. B. Loganayagi**

  
Signature of Principal

**Dr. B Venkata Narayan**

**Examiners:**

1: 

  
23/5

2: 

  
23/5

SEA COLLEGE OF ENGINEERING AND TECHNOLOGY,

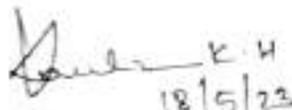
BANGALORE - 49

Department of Computer Science and Engineering



## CERTIFICATE

Certified that the project work entitled "AN ANDROID & IOT APPLICATION FOR SECURITY SYSTEM OF MANKIND : A MONITORING, TRACKING AND RESPONDING DEVICE" carried out by Ashritha Shetty, M (ISP19CS009), Neha Mohre, S(ISP19CS066), Sahana, M(ISP19CS091), Thejashwini, B.K(ISP19CS105), We the bonafide Students of S.E.A. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of **Bachelor of Engineering** in Computer Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
18/5/23

Asst. Prof. Mrs. Koushika K H  
Signature of the Guide

  
18/05/23

Dr. B Loganayagi  
Signature of the HOD

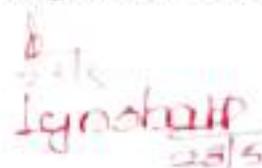


Dr. B Venkafa Narayana  
Signature of the Principal

External Examiner

1. Sumithra Lakshminarayana
2. Jayashree Prathibha HP

Signature with date:

  
20/5

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K. R. Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "QORA-ANN: Quasi Opposition Based Rao Algorithm and Artificial Neural Network For Cryptocurrency Prediction" has been successfully carried out by Mr. HIMANSHU KUMAR SHARMA(ISP19CS035), Mr. MD AFTAB HUSSAIN (ISP19CS051), Mr. MD MAJID ANWER (ISP19CS052), Mr. MOZAMMIL HUSSAIN (ISP18CS059) of VIII Sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2022. The project report has been approved as it satisfied the academic requirement in respect of the Project work prescribed for the Bachelor of Engineering.

Signature of Guide

Prof. Saswati Behera

Signature of HOD

Dr. B. Loganayagi

Signature of Principal

Dr. B Venkata Narayan

Signature of Internal Examiner

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K. R. Puram, Bengaluru, Karnataka 560059



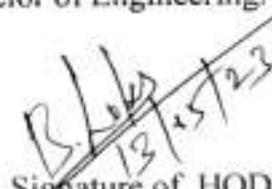
## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

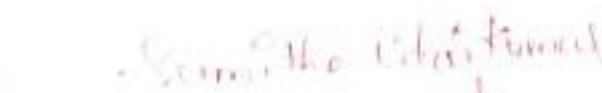
This is to certify the project work entitled "WORD EMBEDDING OVER LINGUISTIC FEATURES FOR FAKE NEWS DETECTION" has been successfully carried out by CHANDANA H R (ISP19CS020), SOUNDARYA (ISP19CS099), PACHIPALA INDU(ISP19CS070), TREESA MARIAM KURIAN (ISP19CS107) of VIII Sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2022.

The project report has been approved as it satisfied the academic requirement in respect of the Project work prescribed for the Bachelor of Engineering.

  
Signature of Guide  
Prof. B. L. Jayakumar

  
Signature of HOD  
Dr. B Loganayagi

  
Signature of Principal  
Dr. B Venkata Narayan

  
Signature of Internal Examiner

  
Signature of External Examiner

# SEVA COLLEGE OF ENGINEERING AND TECHNOLOGY

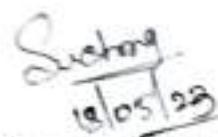
13/2 Nagla, Rashtanpura, Virgothwaga Post, K. R. Puram, Bengaluru, Karnataka  
560030



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "An Efficient and Simple method for Semantic Segmentation" has been successfully carried out by Mr. SATHVIK KUMAR NS (ISP19CS094), Mr. TEHSEEN NAYEEM KHAN (ISP19CS103), Mr. UJWAL M (ISP19CS108), Mr. VIKASH THAKUR (ISP19CS118) of VIII Sem in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Technology of Visvesvaraya Technological University, Belgaum during the year 2022-23. The project report has been approved as it satisfied the academic requirement in respect of the Project work prescribed for the Bachelor of Engineering.

  
18/05/23  
Signature of Guide

Mrs. Sushma B A

  
18/05/23  
Signature of HOD

Dr. B. Logannayagi

  
Signature of Principal

Dr. B Venkata Narayana

Signature of Internal Examiner

  
Lynobha Paatbeeka HP

Signature of External Examiner

  
20/5

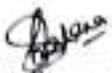
S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY,  
BANGALORE - 49

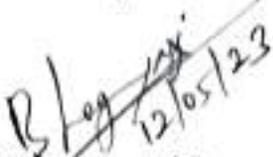
Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "SMART AGRICULTURE USING DECISSION TREE IN IoT" carried out by Chennaiahgari Sharath (ISP18CS017), Dakshiraju Siva (ISP18CS018), Vamshi D S (ISP19CS114), Vamshi H V (ISP19CS115), we bonafied student of S.E.A. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of Bachelor of Engineering in Computer Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree

  
Prof. Mrs. Saswati Behera  
Signature of the Guide

  
Dr. Loganayagi B  
Signature of the HOD

  
Dr. B Venkata Narayana  
Signature of the Principal

External Examiner

- 
- 

Signature with date:

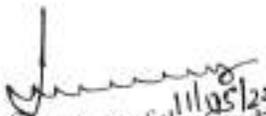

S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY,  
BANGALORE - 49

Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "SECURE MESSAGE HANDLING IN VEHICULAR ENERGY NETWORKS" carried out by H Anu Sree(ISP19CS30), Nandini J(ISP19CS63), Naseeba Banu(ISP19CS064) and Shwetha.V(ISP19CS096), a bonafide student of S.E.A. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of **Bachelor of Engineering** in Computer Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

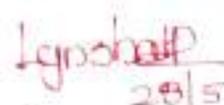
  
Signature of the Guide  
Prof.SUKESH H A  
11/05/23

  
Signature of the HOD  
Dr. BLOGANAYAGI  
11/05/23

  
Signature of the Principal  
Dr.B VENKATA NARAYANA

External Examiner

Signature with date:

1. Sumithra Vidyalakshmi   
20/5
2. Lynsha Pratheeba HP   
20/5

Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "FETAL HEALTH STATUS PREDICTION BASED ON MATERNAL CLINICAL HISTORY USING ML" carried out by Harish Kumar N (ISP18CS026), Santhosh K N (ISP18CS061), Abhignya Reddy N (ISP19CS001) and Harsha V M (ISP19CS032), a bonafide students of S.E.A. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of Bachelor of Engineering in Computer Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Projectwork prescribed for the said Degree.

Signature of the Guide  
Prof. JAYAKUMAR B L

Signature of the HOD  
Dr. B LOGANAYAGI

Signature of the Principal  
Dr. B VENKATA NARAYANA

Signature of Internal Examiner

Signature of External Examiner

S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY,  
BANGALORE - 49

Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "A MACHINE LEARNING MODEL FOR BRAIN TUMOR SEGMENTATION AND RADIOMICS SURVIVAL PREDICTION" carried out by GARIKAPATI CHANDANIKA (ISP19CS023), RANJITHA BABU B A (ISP19CS085), ROOPA D (ISP19CS087) and SANGA SAI PRATHYUSHA (ISP19CS093) honaride students of S.E.A. College of Engineering & Technology, in partial fulfillment for the 5<sup>th</sup> semester of Bachelor of Engineering in Computer Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of the Project work prescribed for the said Degree.

Signature of Guide  
Mrs. Kanchika K H

Signature of HOD  
Dr B Loganayagi

Signature of Principal  
Dr. B Venkatanarayana

External Examiner

- 1.
- 2.

Signature with date:

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "**LIVE OBJECT DETECTION USING YOLO FRAMEWORK**" has been successfully carried out by **Mr. AJITH BABU R (ISP19CS005), Mr. DHUSHYANTH H M (ISP19CS024), Mr. HEMANTH R (ISP19CS034), Mr. NAVEEN KUMAR M (ISP19CS065)** of VIII sem in partial fulfilment for the award of **Bachelor Of Engineering in Computer Science and Engineering** of the **Visvesvaraya Technological University, Belgaum** during the year **2022-23**. The project report has been approved as it satisfied the academic requirement in respect of the project work prescribed for Bachelor of Engineering.

*Sushima*  
11/05/23

Signature of Guide

**MRS. SUSHIMA B A**

*B. Loganayagi*  
11/05/23

Signature of HOD

**DR. B. LOGANAYAGI**

*B. Venkata Narayana*

Signature of Principal

**DR. B. VENKATA NARAYANA**

*B. Loganayagi*  
Signature of Internal Examiner

*Loganayagi*  
Signature of External Examiner

**S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY,  
BANGALORE - 49**

**Department of Computer Science and Engineering**

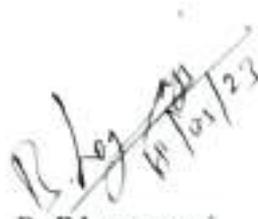


**CERTIFICATE**

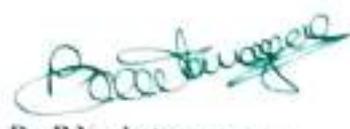
Certified that the project work entitled "HYBRID GAS LEAK DETECTION SYSTEM WITH VOICE ASSISTANT AND ALERTS" carried out by Archana M (ISP19CS008), P Yeshaswini (ISP19CS070), Prathiba G B (ISP19CS077) and Alisha Eurovec (ISP19CSI23) a bonafide student of S.E.A. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of Bachelor of Engineering in Computer Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
18/05/23  
Prof. Sukesh H A

Signature of the Guide

  
18/05/23  
Dr. B Loganayagi

Signature of the HOD

  
Dr. B Venkatanarayana

Signature of the Principal

External Examiner

1. Navya V.K
2. Jayshri M

Signature with date:

  
25/5/23

# S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY,

Uta Nagar, Basavanpura, Virgo Nagar Post, K.R.Puram, Bengaluru, Karnataka 560041

## Department of Computer Science and Engineering



### CERTIFICATE

Certified that the project work entitled "CNN AND YOLOV5 BASED MODEL FOR FOREST FIRE DETECTION SYSTEM" carried out by ASHWINI K R (ISP19CS010), ASHWINI P(ISP19CS011) and BOOMIKAP(ISP19CS017), KAVYASHREE M V(ISP19CS042) a bonafide student of S.E.A. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of **Bachelor of Engineering in Computer Science and Engineering** department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

*B. Log*  
16/05/23

Signature of Guide

Dr.B.LOGANAYAGI

*B. Log*  
16/05/23

Signature of HOD

Dr.B.LOGANAYAGI

*B. Venkatanarayana*

Signature of Principal

Dr.B.VENKATANARAYANA

*A. S. S.*  
24/5

Signature of Internal Examiner

*Jyotshika*  
24/5

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU-49

(Affiliated to Visvesvaraya Technological University, Belagavi)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE

Certified that the project work entitled "ZERO-DAY NETWORK INTRUSION DETECTION APPROACH USING MACHINE LEARNING ALGORITHMS" carried out by BABU A (ISP19CS012), KIRAN T (ISP19CS043), MANOJ KUMAR M (ISP19CS049), NAVEEN M (ISP20CS401), a bonafied student of S.E.A College Of Engineering & Technology, in partial fulfillment for the award of **Bachelor of Engineering** in Computer Science and Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023 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.

Asst.Prof. JAYASHRI M  
Signature of the Guide

Dr. B LOGANAYAGI  
Signature of the HOD

Dr. B. VENKATA NARAYANA  
Signature of the Principal

INTERNAL EXAMINER

EXTERNAL EXAMINER

SEA COLLEGE OF ENGINEERING AND TECHNOLOGY,

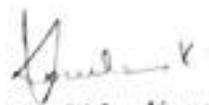
BANGALORE - 49

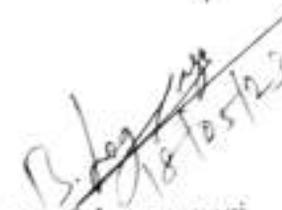
Department of Computer Science and Engineering



## CERTIFICATE

Certified that the project work entitled "AN ANDROID & IOT APPLICATION FOR SECURITY SYSTEM OF MANKIND : A MONITORING, TRACKING AND RESPONDING DEVICE" carried out by Ashritha Shetty, M (ISP19CS009), Neha Mohre.S(ISP19CS066), Sahana.M(ISP19CS091), Thejashwini.B.K(ISP19CS105). We the bonafide Students of S.E.A. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of **Bachelor of Engineering** in Computer Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
Asst. Prof. Mrs. Koushika K H  
Signature of the Guide

  
Dr. B Loganayagi  
Signature of the HOD

  
Dr. B Venkata Narayana  
Signature of the Principal

External Examiner

1. Samitha Lakshman
2. Lijitha Prathibha HP

Signature with date:

  
Lijitha Prathibha HP  
20/5

S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY,

BANGALORE - 49

Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "PARKINSON'S DISEASE DETECTION USING SPIRAL TEST BASED ON CNN" carried out by Bhanu Priya G (ISP19CS014), Boyapati Praveen (ISP19CS018), Lavanya M (ISP19CS047) and Nischitha N S (ISP20CS400), a bonafide students of S.E.A. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of **Bachelor of Engineering** in Computer Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide  
Asst Prof. JAYASHRI M  
13/05/23

B. Loganayagi  
13/05/23  
Signature of the HOD  
Dr. B LOGANAYAGI

Signature of the Principal  
Dr. B VENKATA NARAYANA

Signature of Internal Examiner  
Nischitha

Signature of External Examiner  
Nischitha

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY  
BENGALURU-560049**

**Department of Computer Science and Engineering**



**CERTIFICATE**

Certified that the project work entitled "**Chauffeur behaviour recognition based on convolution neural system**" carried out by Nimishambha Bharani S (1SP19CS067), Pushpa Yadav (1SP19CS079) and Raksha.M (1SP19CS083) a bonafide student of S.E.A. College of Engineering & Technology, in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of the Project work prescribed for the said Degree.

Signature of Co-ordinator

Signature of HOD

Signature of principle

Prof. B.C. Jayakumar

Dr. B Loganayagi

Dr. B Venkata Narayana

External Examiner

Signature with date

- 1) Samitha Udayakumar
- 2) Lynsha Prathiba HP

Lynsha P  
24/5

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka  
560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

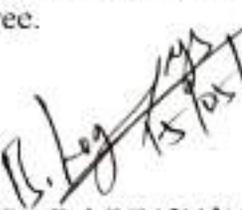
### CERTIFICATE

This is to certify that the project work entitled "STRENGTHENING DATA PROTECTION IN PUBLIC CLOUD STORAGE THROUGH MULTIPLE ATTRIBUTE AUTHORITY ACCESS CONTROL" has been successfully carried out by BHAVANI P (ISP19CS015), SNEHA A (ISP19CS097), SUBHASHINI P (ISP19CS100), VIDYASHREE S R (ISP19CS117) a bonafide students of S.E.A. College of Engineering & Technology in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Engineering of Vishveshvaraya Technological University, Belagavi during the year 2022-2023. Thus, it is certified that all corrections/suggestion indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved, as it satisfies the academic requirement in respect of Project work prescribed for the said Degree.

  
15/05/2023

Prof. Dr. B. LOGANAYAGI

Signature of the Guide

  
15/05/2023

Dr. B. LOGANAYAGI

Signature of the HOD



Dr. B. VENKATA NARAYAN

Signature of the Principal

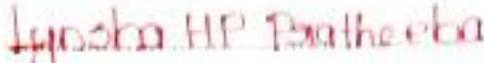
### EXAMINERS:

Name

Signature

1. 



2. 

  
24/5

S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY,  
BANGALORE - 49

Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "EXPLORING E-COMMERCE PRODUCT EXPERIENCE BASED ON FUSION SENTIMENT ANALYSIS METHOD" carried out by AJAY D V(ISP19CS004), NAGENDRA G(ISP19CS061), P VAMSI(ISP19CS069), PRASHANTH V(ISP19CS076), a bona fide student of S.E.A. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of **Bachelor of Engineering** in Computer Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
Prof. Mrs. Sreeja S Pillai  
Signature of the Guide

  
Dr. B Loganayagi  
Signature of the HOD

  
Dr. B Venkata Narayana  
Signature of the Principal

External  
Examiner

Signature with date:

1. Sumitha Vidya Kumar
2. Lynobha Prathibha HP

  
Sumitha  
24/5

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K. R. Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "A Deep Learning Approach for Liver and Tumor Segmentation" has been successfully carried out by Ms Muskaan Kumari(ISP19CS060), Ms. Deekshitha R(ISP19CS023), Ms. Bavitha Vyas (ISP18CS012), Bibek K Sah(ISP19CS016) of VIII Sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2022. The project report has been approved as it satisfied the academic requirement in respect of the Project work prescribed for the Bachelor of Engineering.

  
Signature of Guide

Prof. Soujanya CN

  
Signature of HOD

Dr. B. Loganayagi  
Prof and HOD of CSE

  
Signature of Principal

Dr. B Venkata Narayana

  
Signature of Internal Examiner

1. Jayashri M

2.

Signature of External Examiner

1. Naye V K

2.

S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY,

BANGALORE - 49

Department of Computer Science and Engineering



## CERTIFICATE

Certified that the project work entitled "EPILEPSY PREVENTION USING IMPROVED GENETIC ALGORITHM OPTIMIZED MULTILAYER NETWORK" carried out by **Mr.Hemanth K (ISP19CS033)**, **Mr.Mohammad Ishak M (ISP19CS054)**, **Mr.Rahul S (ISP19CS080)** and **Mr.Rajesh S (ISP19CS082)** a bonafide students of S.E.A. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of **Bachelor of Engineering in Computer Science and Engineering** department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Mrs. Saswati Behera  
Signature of the Guide

Dr. B Loganayagi  
Signature of the HOD

Dr. B Venkata Narayana  
Signature of the Principal

External Examiner

1. Navya V K
2. Jayashri M

Signature with date:

# SEVA COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanapura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka  
560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "DESIGNING OF IMPROVED MONITORING SYSTEM FOR CRACK DETECTION ON RAILWAY TRACKS" has been successfully carried out by UMESH SINGH BIST(ISP19CS109), SAGAR P.C(ISP19CS090), PRAVEEN KAMADENU(ISP19CS044), KRISHNA JHAMBAGI(ISP19CS078) in fulfilment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi During the year 2022-2023. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Guide

Prof. Surendranath Gowda

  
Signature of HOD

DR. B. Loganayagi

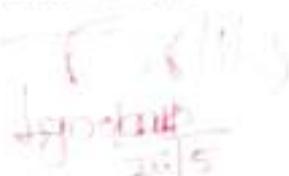
  
Signature of Principal

Dr. B Venkata Narayan

Name of the Examiner

1. Dr. C. Jaganathan
2. Leelamma Pootheetha HP

Signature with date

  
20/5

S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY,  
BANGALORE - 49

Department of Computer Science and Engineering



CERTIFICATE

Certified that the project work entitled "PREVENTION OF BLACKHOLE ATTACK IN MANET'S" carried out by Hansitha k(ISP19CS031), Jayanth N S(ISP19CS037), Vinay A(ISP19CS120), a bona fide student of S.E.A. College of Engineering & Technology, in partial fulfillment for the 8<sup>th</sup> semester of **Bachelor of Engineering** in Computer Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Prof. Mrs. Sreeja S Pillai

Signature of the Guide

Dr. B Loganayagi

Signature of the HOD

Dr. B Venkata Narayana

Signature of the Principal

External  
Examiner

Signature with date:

1. *Saritha Velamuri*
2. *Lynsha Parthooba HP*

*Lynsha*  
24/5

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU

(Affiliated to Visvesvaraya Technological University, Belagavi)



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

Certified that the internship entitled "Data Science and Machine Learning" carried out by **RANJITHA BABU B A (ISP19CS085)**, bonafide student of S.E.A College Of Engineering & Technology, in partial fulfillment for the award of **Bachelor of Engineering** in Computer Science and Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2022- 2023 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 internship work prescribed for the said degree.

Signature of Coordinator

Mr. JAYANUMAR B.L

Signature of HOD

Dr. B. LOGANAYAGI

Signature of Principal

Dr. B. VENKATANARAYANA

INTERNAL EXAMINER

EXTERNAL EXAMINER

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgo Nagar Post, K R Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the internship work entitled "COLLEGE STUDENTS MANAGEMENT SYSTEM" has been successfully carried out by Mr. Md Aftab Hussain (ISP19CS051), of VIII sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2023**. The internship report has been approved as it satisfied the academic requirement in respect of the internship work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

B.L. Loganayagi

15/5/23

B. Loganayagi  
15/05/23

Signature of HOD

Dr. B Loganayagi

B Venkata Narayan  
Signature of Principal

Dr. B Venkata Narayan

Signature of Internal Examiner

Hemanth  
24/5/23

T. W.  
24/5/23  
Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU

(Affiliated to Visvesvaraya Technological University, Belagavi)



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

Certified that the internship entitled "PHARMACY MANAGEMENT SYSTEM" carried out by **GARIKAPATI CHANDANIKA (1SP19CS027)**, bonafide student of S.E.A College Of Engineering & Technology, in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Engineering** Department of the Visvesvaraya Technological University, Belgaum during the year 2022- 2023. 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 internship work prescribed for the said degree.

Signature of the Coordinator

Mr. JAYAKUMAR B L

Signature of the HOD

Dr. B. LOGANAYAGI

Signature of the Principal

Dr. B. VENKATA NARAYANA

Signature  
24/5/23  
INTERNAL EXAMINER

Signature  
24/5/23  
EXTERNAL EXAMINER

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU

(Affiliated to Visvesvaraya Technological University, Belagavi)



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

Certified that the internship entitled "PHARMACY MANAGEMENT SYSTEM" carried out by **GARIKAPATI CHANDANIKA (ISP19CS027)**, bonafide student of S.E.A College Of Engineering & Technology, in partial fulfilment for the award of **Bachelor of Engineering** in Computer Science and Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2022- 2023. 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 internship work prescribed for the said degree.

Signature of the Coordinator

Mr. JAYAKUMAR B L

Signature of the HOD

Dr. B. LOGANAYAGI

Signature of the Principal

Dr. B. VENKATA NARAYANA

INTERNAL EXAMINER

EXTERNAL EXAMINER

S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU - 560049

(Affiliated to Visvesvaraya Technological University, Belagavi)



Department of Computer Science and Engineering

### CERTIFICATE

Certified that the internship entitled "Django Coding Internship" carried out by **Mr. MOZAMMIL HUSSAIN (ISP19CS059)**, benefited student of S.E.A College of Engineering & Technology, in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering Department of the Visvesvaraya Technological University, Belgaum** during the year **2022-2023**. 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 internship work prescribed for the said degree.

Signature of Coordinator

Asst. Prof. Jayakumar B.L.

Signature of HOD

Dr. B Loganayagi

Signature of Principal

Dr. B Venkata Narayan

Signature of Internal Examiner

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K R Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

Certified that the internship entitled —**SERIAL SIMULATOR USING CVT** carried out by **DHUSHYANTH HM (ISP19CS024)**, bonafied student of S.E.A College Of Engineering & Technology, in partial fulfillment for the award of **Bachelor of Engineering** in Computer Science and Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2022- 2023 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 internship work prescribed for the said degree.

Signature of Co-ordinator

PROF. JAYAKUMAR B L

Signature of HOD

DR. B. LOGANAYAGI

Signature of Principal

DR. B. VENKATA NARAYANA

Signature of Internal Examiner

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU

(Affiliated to Visvesvaraya Technological University, Belagavi)



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

Certified that the internship entitled "WEB DEVELOPMENT AS INTERN COVID-19" carried out by **SYED KHABEER ULLA (ISPI9CS102)**, bonafied student of S.E.A College of Engineering & Technology, in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering Department** of the **Visvesvaraya Technological University, Belgaum** during the year 2022- 2023, 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 internship work prescribed for the said degree.

  
Prof. JAYAKUMAR B.L.

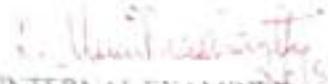
Signature of the  
Coordinator

  
Dr. B. LOGANAYAGI

Signature of the HOD

  
Dr. B. VENKATA  
NARAYANA

Signature of the Principal

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY,

BANGALORE - 49

Department of Computer Science and Engineering



**CERTIFICATE**

Certified that the internship entitled "**VEHICLE AND PEDESTRIAN DETECTION**" carried out by **ABHILASH.S** and bearing USN ISPI9CS002, bonafide student of S.E.A. College of Engineering & Technology, in partial fulfilment for the 8<sup>th</sup> semester of **Bachelor of Engineering** in Computer Science and Engineering Department of the **Visvesvaraya Technological University, Belgaum** during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Internship work prescribed for the said Degree.

  
Prof. JAYAKUMAR B L

Signature of the Coordinator

  
Dr. B LOGANAYAGI

Signature of the HOD

  
Dr. B VENKATANARAYAN

Signature of the Principal

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar ,Basavanpura, Virgothagar Post K. R. Puram, Bangalore - 560070

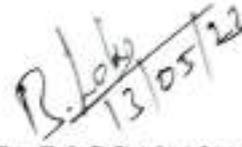


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING,

## CERTIFICATE

This is to certify the internship work entitled **PYAUDIO MODULE OF ROBOTIC LANGUAGE AUTOMATION** has been successfully carried out by **Mr. NAVEEN M(ISP20CS401)**, of VIII sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2023**. the internship report has been approved as it satisfied the academic requirement in respect of the internship work prescribed for Bachelor of Engineering

  
Prof. JAYAKUMAR B L  
Signature of the Co-ordinator

  
Dr. B LOGANAYAGI  
Signature of the HOD

  
Dr. B. VENKATA NARAYANA  
Signature of the Principal

  
R. Manu Prasanth  
Signature of Internal Examiner

  
N. Anil  
Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



## Department of Computer Science and Engineering

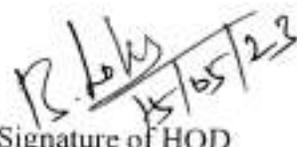
### CERTIFICATE

This is to certify the project work entitled “Weather prediction using machine learning” has been successfully carried out by **PACHIPALA INDU** bearing **USN (ISP19CS071)**, bonafied student of S.E.A College Of Engineering & Technology, in partial fulfillment for the award of **Bachelor of Engineering** in Computer Science and Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2022- 2023. 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 internship work prescribed for the said degree.

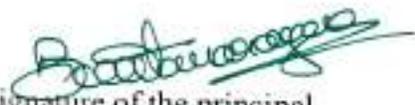
Signature of the Guide

  
B. J. LAKUMAR

Signature of HOD

  
Dr. B LOGANAYAGI

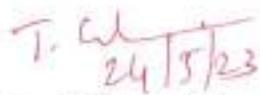
Signature of the principal

  
Dr. B VENKATA NARAYANA

Signature of Internal Examiner

  
24/5/23

Signature of External Examiner

  
24/5/23

# S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bangalore -560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the internship work entitled "**MACHINE LEARNING USING PYTHON**" (**Edge Detection using Canny Edge Detection Algorithm**) has been successfully carried out by **Mr. BABU A (ISP19CS012)**, of VIII sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2023** the internship report has been approved as it satisfied the academic requirement in respect of the seminar work prescribed for Bachelor of Engineering

Signature of the Co-Ordinator

Prof. Jayakumar B L

Signature of the HOD

Dr.B.Loganayagi  
Ramalingam

Signature of the Principal

Dr.B Venkata Narayana

Signature of Internal Examiner

P. Shree Prashantha  
26/05/23

Signature of External Examiner

Nishu  
26/5/23

S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

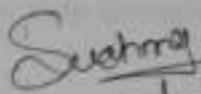
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify the project work entitled "MEDIA PLAYER" has been successfully carried out by **Mr. AKHIL RAJ**, bearing USN **ISP20CS002**, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **computer Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

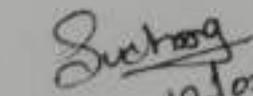
  
10/07/23

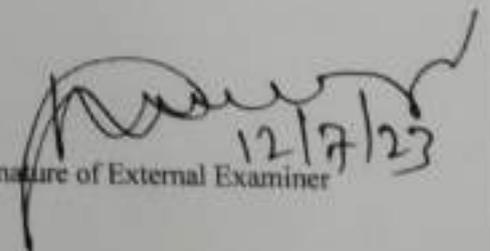
Signature of Co-ordinator

**Asst Prof. SUSHMA B A**

  
Signature of HOD 11/7/23

**Prof. SUKESH H A**

  
12/07/23  
Signature of Internal Examiner

  
12/7/23  
Signature of External Examiner

# S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar,Basavanpura, Virgonagar Post,K.R.Puram,Bengaluru,Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "TETRIS GAME" has been successfully carried out by Mr RAHUL SHARMA, bearing USN ISP21CS403 respectively, of 6<sup>th</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science And Technology of the Visvesvaraya Technological University, Belagavi during the year 2023. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/08/23

Signature of Co-Ordinator  
Mrs. SUSHMA B A

*Sukesh H A*

Signature of HOD  
Prof. SUKESH H A

*H*  
17/7/23

Signature of Internal Examiner

*H*  
17/7/23

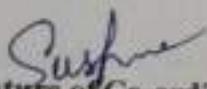
Signature of External Examiner



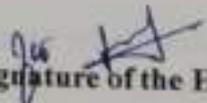
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

## **CERTIFICATE**

This is to certify the project work entitled „Stop Watch“ has been successfully carried out by Gangadhar BV(1SP20CS019) bearing of sixth sem in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belagaum during the year 2022-23 the project has been approved has it certified the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

**Mrs SUSHMA B A**

  
Signature of the HOD

**Prof. SUKESK H A**

Signature of Internal Examiner

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanapura, (K.R. Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



## Department of Computer Science and Engineering

### CERTIFICATE

This is to certify the project work entitled "ONLINE QUIZ APPLICATION" has been successfully carried out by **Mr. MANOJ PRASAD**, bearing **USN 1SP20CS030**, of 6<sup>th</sup> Sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

10/07/23

Signature of Co-Ordinator

**Mrs. SUSHMA B.A**

Signature of HOD

**Dr. SUKESH H.A**

12/07/23

Signature of Internal Examiner

12/7/23

Signature of External Examiner

# SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bangaluru, Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify that project work entitled "TIC TAC TOE " has been successfully carried out by Mr. B.NARESH, bearing USN 1SP20CS011, of 6<sup>th</sup> semester in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technology University, Belgaum during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the Project work prescribed for the said Degree.

*Sushma*  
10/07/23

Signature of the Guide

Mrs.Sushma B.A

*Sushma*  
10/07/23

Signature of Internal Examiner

*Sukesh H A*  
10/7/23  
Signature of the HOD

Prof. SUKESH H A

*[Signature]*  
10/7/23  
Signature of External Examiner

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CERTIFICATE**

This is to certify the project work entitled "**MEDIA PLAYER**" has been successfully carried out by **Mr. MUBASHIR RAHMAN**, bearing **USN 1SP20CS032**, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **computer Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/07/23

Signature of Co-ordinator

**Asst Prof. SUSHMA B A**

*Sukesh*  
11/9/23

Signature of HOD

**Prof. SUKESH H A**

*Sukesh*  
12/07/23

Signature of Internal Examiner

*Kanishk*  
12/7/23

Signature of External Examiner

**SEA COLLEGE OF ENGINEERING AND TECHNOLOGY**

EktaNagar, Basavanapura, Virgonagar

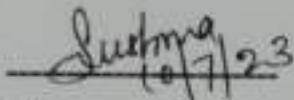
Post, K.R. Puram, Bangalore-560049.

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CERTIFICATE**

This is to certify that the Mobile Application Development project work entitled "EMI AND TAX CALCULATOR" has been carried out by **MOHAMMED QUBAIB HUSSAIN(ISP20CS031)** bonafide student of SEA College of Engineering and Technology in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visvesvaraya Technological University, Belgaum during the year **2022-2023**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. This MAD project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide

**Prof. Sushma**  
**Assistant Professor**  
**Dept. of CSE, SEACET**



Signature of HOD

**Dr. Sukesh**  
**Professor & Head**  
**Dept. of CSE, SEACET**

External Viva

Name of the examiners

Signature with date

- 1.
- 2.

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

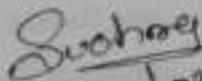
(Affiliated to Visvesvaraya Technological University, Belagavi)



## Department of Computer Science and Engineering

### CERTIFICATE

This is to certify the project work entitled "ROCK PAPER SCISSORS" has been successfully carried out by Ms. LIKITHA C, bearing USN 1SP20CS027, of 6<sup>th</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

  
10/09/23

Signature of Co-ordinator

Mrs. SUSHMA B A

  
11/2/23

Signature of HOD

Prof. SUKESH H.A

  
12/09/23

Signature of Internal Examiner

  
12/7/23

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

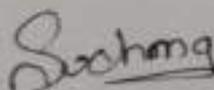


Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560049

## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "QUIZ APPLICATION" has been successfully carried out by **AYUSH KUMAR** bearing USN **ISP20CS010** of 6th sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2022-23**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
10/07/23

Signature of Co-ordinator

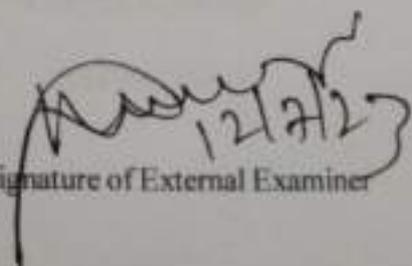
**Mrs. SUSHMA B A**

  
12/07/23

Signature of HOD

**Prof. SUKESH H A**

Signature of Internal Examiner

  
12/7/23

Signature of External Examiner

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

EktaNagar, Basavanapura, (K.R. Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



**Department of Computer Science and Engineering**

**CERTIFICATE**

This is to certify the project work entitled "TETRIS GAME" has been successfully carried out by **Ms. GEETHA C L**, bearing **USN 1SP20CS020**, of 6<sup>th</sup> Sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The mini project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/02/23

Signature of Co-Ordinator

**Mrs. SUSHMA B A**

*Sukesh*  
11/7/23

Signature of HOD

**Prof. SUKESH H A**

*Sushma*  
12/7/23

Signature of Internal Examiner

*[Signature]*  
12/7/23

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

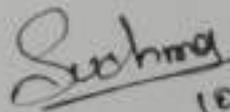
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "SCIENTIFIC CALCULATOR" has been successfully carried out **FAIJAN ANSARI (ISP20CS017)** of 6<sup>TH</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2020-21. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

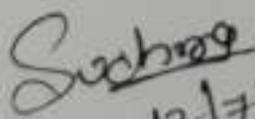
  
10/7/23

Signature of Guide

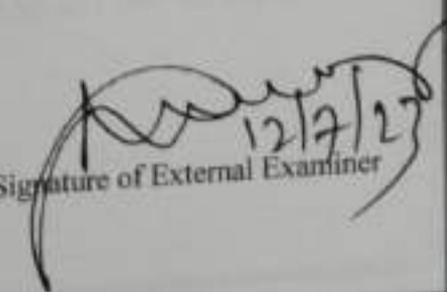
Asistant. Prof. SUSHMA B.A

Signature of HOD

Prof. SUKESH H.A

  
12/7/23

Signature of Internal Examiner

  
12/7/23

Signature of External Examiner

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

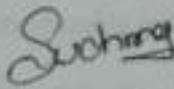
(Affiliated to Visvesvaraya Technological University, Belagavi)



**Department of Computer Science and Engineering**

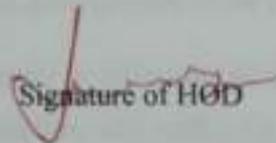
**CERTIFICATE**

This is to certify the project work entitled "ONLINE GROCERY SHOPPING APPLICATION" has been successfully carried out by Ms. NADIMUDDIN, bearing USN ISP20CS034, of 6<sup>th</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

  
10/07/23

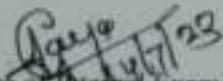
Signature of Co-ordinator

**Mrs. SUSHMA B.A**



Signature of HOD

**Dr. B SUKESH H.A**

  
10/7/23

Signature of Internal Examiner

  
11/7/23

Signature of External Examiner



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

## **CERTIFICATE**

This is to certify the project work entitled 'Simple Math Quiz' has been successfully carried out by NAVYA J S (ISP20CS036) bearing of sixth sem in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belgaum during the year 2022-23 the project has been approved has it certified the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/7/23

Signature of Co-ordinator

**Mrs SUSHMA B A**

Signature of the HOD

**Prof. SUKESK H A**

*Ray*  
12/7/23

Signature of Internal Examiner

*Ray*  
12/7/23

Signature of External Examiner

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



**Department of Computer Science and Engineering**

**CERTIFICATE**

This is to certify the project work entitled "ONLINE GROCERY SHOPPING APPLICATION" has been successfully carried out by **MR. RAJKUMAR OJHA**, bearing **USN 1SP20CS053**, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/07/23

Signature of Co-ordinator

**Mrs. SUSHMA B.A**

*[Signature]*  
14/7/23  
Signature of Internal Examiner

Signature of HOD

**Dr.B SUKESH H.A**

*[Signature]*  
14/7/23  
Signature of External Examiner



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

## **CERTIFICATE**

This is to certify the project work entitled 'Simple Math Quiz' has been successfully carried out by NATHASHA R (1SP20CS036) bearing of sixth sem in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belgaum during the year 2022-23 the project has been approved has it certified the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/07/23

Signature of Co-ordinator

**Mrs SUSHMA B A**

*Sukesh*

Signature of the HOD

**Prof. SUKESH H A**

*H*  
10/7/23

Signature of Internal Examiner

*N*  
10/7/23

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "MEDICINE REMAINDER" has been successfully carried out by Ms. BHUVANA.KV, bearing (ISP120CS012) of sea college of engineering in the sem 6<sup>th</sup> sem in partial fulfilment for the award of Bachelor of Engineering in **Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2021-22. The mini project report has been approved as it satisfied the academic requirement in respect of the mini project work for Bachelor of Engineering.

10/7/23

Signature of Co-ordinator

Mrs.SUSHMA B.A

10/7/23

Signature of HOD

Prof.Sukesh H.A

12/07/23

Signature of Internal Examiner

12/7/23

Signature of External Examiner

(Affiliated to Visvesvaraya Technological University, Belagavi)



**Department of Computer Science and Engineering**

**CERTIFICATE**

This is to certify the project work entitled "ROCK PAPER SCISSORS" has been successfully carried out by Ms. JANHAVI B, bearing USN ISP20CS021, of 6<sup>th</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/07/23

Signature of Co-ordinator

Mrs. SUSHMA B A

*Sukesh*  
11/07/23

Signature of HOD

Prof. SUKESH H.A

*Sushma*  
12/07/23

Signature of Internal Examiner

*Sushma*  
12/7/23

Signature of External Examiner

# SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bangaluru, Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify that project work entitled "PIANO APP" has been successfully carried out by Mr. CHANDAN YADAV K S, bearing USN 1510CS013, of 6<sup>th</sup> semester in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technology University, Belgaum during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the Project work prescribed for the said Degree.

*Sushma*  
10/02/23

Signature of the Guide

Mrs. Sushma B A

*Sukesh H A*

Signature of the HOD

Prof. SUKESH H A

*Sushma*  
12/07/23

Signature of Internal Examiner

*[Signature]*  
12/7/23

Signature of External Examiner

# SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, Virgonagar

Post, K.R. Puram, Bangalore-560049.

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



### CERTIFICATE

This is to certify that the Mobile Application Development project work entitled "EMI AND TAX CALCULATOR" has been carried out by **Praveen Kumar B K(1SP20CS048)** bonafide student of SEA College of Engineering and Technology in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visvesvaraya Technological University, Belgaum during the year **2022-2023**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. This MAD project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

*Sushma*  
10/07/23

Signature of Guide

**Prof. Sushma**  
Assistant Professor  
Dept. of CSE, SEACET

*Dr. Suresh*

Signature of HOD

**Dr. Suresh**  
Professor & Head  
Dept. of CSE, SEACET

#### External Viva

Name of the examiners

1. *[Signature]*  
24/7/23  
2. *[Signature]*  
24/7/23

Signature with date

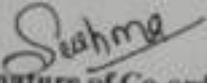
**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**  
EktaNagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka 560049



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

## **CERTIFICATE**

This is to certify the project work entitled „Stop Watch” has been successfully carried out by Charandeep A (ISP20CS014) bearing of sixth sem in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belagaum during the year 2022-23 the project has been approved has it certified the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

**Mrs SUSHMA B A**

  
Signature of the HOD

**Prof. SUKESK H A**

Signature of Internal Examiner

Signature of External Examiner



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

## **CERTIFICATE**

This is to certify the project work entitled **Farming App** has been successfully carried out by **Naveen M (1SP20CS037)** bearing of sixth sem in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the **Visvesvaraya Technological University, Belagum** during the year **2022-23** the project has been approved has it certified the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
Signature of Co-ordinator

**Mrs SUSHMA B A**

*[Signature]*  
Signature of the HOD

**Prof. SUKESK H A**

*[Signature]*  
Signature of Internal Examiner

*[Signature]*  
Signature of External Examiner

# SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bangaluru, Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify that project work entitled "PIANO APP" has been successfully carried out by Mr. CHETHANRAJ K N, bearing USN 1SP20CS015, of 6<sup>th</sup> semester in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technology University, Belgaum during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the <sup>and</sup>Project work prescribed for the said Degree.

*Sushma*

10/7/23

Signature of the Guide

Mrs. Sushma B A

*Sukesh*

11/7/23

Signature of the HOD

Prof. SUKESH H A

*Sushma*

12/07/23

Signature of Internal Examiner

*Sushma*

12/7/23

Signature of External Examiner



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled 'Stop Watch' has been successfully carried out by **PRIYA TRIPATHI (ISP20CS049)** bearing of sixth sem in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the **Visvesvaraya Technological University, Belgaum** during the year **2022-23** the project has been approved has it certified the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/07/23

Signature of Co-ordinator

Mrs SUSHMA B A

*Sukesh*

Signature of the HOD

Prof. SUKESH H A

*H. A. H. 23*

Signature of Internal Examiner

*H. A. H. 23*

Signature of External Examiner

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

Ektanagar , Basavanpura (K R Puram) ,Bengaluru,karnataka - 560049.

(Affiliated to Visvesvaraya Technological University ,Belagavi)



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CERTIFICATE**

This is to certify the project work entitled "MUSIC PLAYER" has been successfully carried out by "R ANWAR PASHA (ISP20CS050)" , of "6TH" Sem in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of the **Visvesvaraya Technological University, Belagavi** , during the year of 2023-24 .The mini project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering .

*Sushma*  
10/07/23

Signature of Guide  
Mrs SUSHMA B A

*Sukesh*  
11/07/23  
Signature of HOD  
Prof. SUKESH H A

*H*  
11/7/23  
Signature of Internal

*Q*  
11/7/23  
Signature of External

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

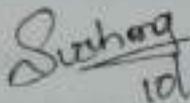
(Affiliated to Visvesvaraya Technological University, Belagavi)



## Department of Computer Science and Engineering

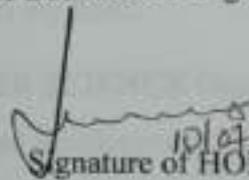
### CERTIFICATE

This is to certify the project work entitled "ONLINE GROCERY SHOPPING APPLICATION" has been successfully carried out by Ms. NIDHI KUMARI, bearing USN ISP20CS040, of 6<sup>th</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

  
10/07/23

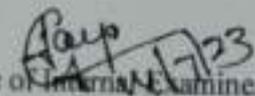
Signature of Co-ordinator

Mrs. SUSHMA B.A

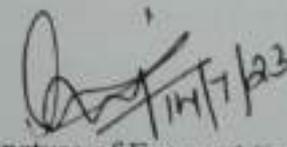
  
10/07/23

Signature of HOD

Dr.SUKESH H.A

  
10/07/23

Signature of Internal Examiner

  
10/07/23

Signature of External Examiner

# S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY

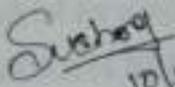
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bangaluru, Karnataka 560049



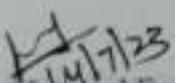
## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

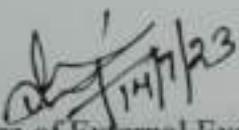
### CERTIFICATE

This is to certify the project work entitled "MATHS QUIZ GAME APP" has been successfully carried out by Mr PRATEEK CHOUDHARY, bearing USN 1SP20CS046 respectively, of 6<sup>th</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science And Technology of the Visvesvaraya Technological University, Belagavi during the year 2023. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
10/07/23  
Signature of Co-Ordinator  
Mrs. SUSHMA B A

  
11/07/23  
Signature of HOD  
Prof. SUKESH H A

  
14/7/23  
Signature of Internal Examiner

  
14/7/23  
Signature of External Examiner

PRATEEK CHOUDHARY  
(PROJECTOR)

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K R Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "SCIENTIFIC CALCULATOR" has been successfully carried out PRATIK YADAV (1SP20CS047) of 6<sup>TH</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2020-21. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
10/07/23

Signature of Guide

**Asistant. Prof. SUSHMA B.A**

  
Signature of HOD

**Prof. SUKESH H.A**

  
Signature of Internal Examiner

  
Signature of External Examiner



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

## **CERTIFICATE**

This is to certify the project work entitled 'Stop Watch' has been successfully carried out by PAVANA S (1SP20CS044) bearing of sixth sem in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belgaum during the year 2022-23 the project has been approved has it certified the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/09/23

Signature of Co-ordinator

**Mrs SUSHMA B A**

*Sukesh*

Signature of the HOD

**Prof. SUKESH H A**

*Gayatri*  
14/7/23

Signature of Internal Examiner

*Gayatri*  
14/7/23

Signature of External Examiner

## S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanapura, (K.R. Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



### Department of Computer Science and Engineering

#### CERTIFICATE

This is to certify the project work entitled "ONLINE QUIZ APPLICATION" has been successfully carried out by **Mr. AVISHEK DAS**, bearing USN ISP20CS008, of 6<sup>th</sup> Sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/07/23

Signature of Co-Ordinator

**Mrs. SUSHMA B.A**

*Sukesh H.A*  
11/07/23

Signature of HOD

**Dr. SUKESH H.A**

*Sushma*  
12/07/23

Signature of Internal Examiner

*Sushma*  
12/07/23

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "SPARK WOMEN ALERT APP" has been successfully carried out by **Ms. AYESHA SARWATH** bearing USN ISP20CS009, of VI sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2023**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**Mrs.SUSHMA B A**

Signature of HOD

**Prof. SUKESH H A**

Signature of Internal Examiner

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

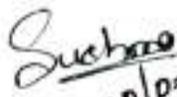


Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560049

## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "ANDROID LUDO" has been successfully carried out by **JEETHU PATHAK** bearing USN 1SP20CS022 of 6th sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2022-23**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

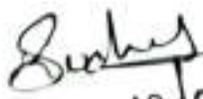
  
10/07/23

Signature of Co-ordinator

**Mrs. SUSHMA B A**

  
Signature of HOD

**Prof. SUKESH H A**

  
12/07/23

Signature of Internal Examiner

  
12/7/23  
Signature of External Examiner

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



**Department of Computer Science and Engineering**

## **CERTIFICATE**

This is to certify the project work entitled "SPARK WOMEN ALERT APP" has been successfully carried out by Ms. ASHWINI .G. bearing USN ISP20CS007, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

10/7/23

Signature of Co-ordinator

**Mrs. SUSHMA B.A**

Signature of HOD

**Dr.SUKESH H.A**

12/7/23

Signature of Internal Examiner

12/7/23  
Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

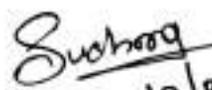
(Affiliated to Visvesvaraya Technological University, Belagavi)



## Department of Computer Science and Engineering

### CERTIFICATE

This is to certify the project work entitled "MEDICINE REMINDER" has been successfully carried out by Ms. LIPIKA, bearing USN ISP20CS028, of 6<sup>th</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

  
10/07/23

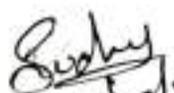
Signature of Co-ordinator

Mrs. SUSHMA B A



Signature of HOD

Prof. SUKESH H.A

  
12/07/23

Signature of Internal Examiner

  
12/7/23

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

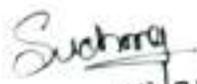
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "**RECIPE GENERATOR**" has been successfully carried out by **Mr. KIRAN K KISHORE**, bearing **USN ISP20CS025**, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **computer Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
10/07/23

Signature of Co-ordinator

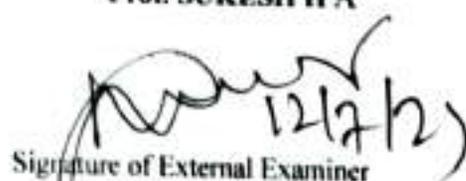
**Asst Prof. SUSHMA B A**

  
12/07/23

Signature of Internal Examiner

  
Signature of HOD

**Prof. SUKESH H A**

  
12/7/23  
Signature of External Examiner

# S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar,Basavanpura, Virgonagar Post,K.R.Puram,Bangaluru,Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "SCIENTIFIC CALCULATOR" has been successfully carried out by Miss. KEZIAH K , bearing USN ISP20CS024, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science And Technology** of the Visvesvaraya Technological University, Belagavi during the year 2023. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/07/23

Signature of Co-Ordinator

Mrs. SUSHMA B A

*Sukesh*  
10/7/23

Signature of HOD

Mr. SUKESH H A

*Sushma*  
12/07/23

Signature of Internal Examiner

*Sushma*  
12/07/23

Signature of External Examiner

# SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bangaluru, Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify that project work entitled "TIC TAC TOE " has been successfully carried out by Mr. ARAVIND.M, bearing USN ISP20CS004, of 6<sup>th</sup> semester in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technology University, Belgaum during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the Project work prescribed for the said Degree.

*Sushma*  
10/07/23

Signature of the Guide

Mrs.SUSHMA B.A

*Sukesh H A*  
10/7/23

Signature of the HOD

Prof. SUKESH H A

*Sushma*  
12/09/23

Signature of Internal Examiner

*[Signature]*  
12/7/23

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

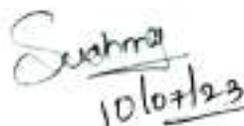
FktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "**MEDIA PLAYER**" has been successfully carried out by **Mr. AKHIL RAJ**, bearing USN ISP20CS002, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **computer Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

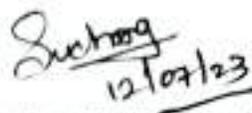
  
10/07/23

Signature of Co-ordinator

**Asst Prof. SUSHMA B A**

  
Signature of HOD 11/7/23

**Prof. SUKESH H A**

  
12/07/23

Signature of Internal Examiner

  
12/7/23

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

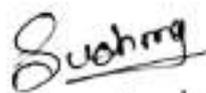


Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560049

## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "QUIZ APPLICATION" has been successfully carried out by **ASHUTOSH PRAJAPATI** bearing USN **ISP20CS006** of 6th sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2022-23**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
10/09/23

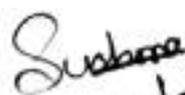
Signature of Co-ordinator

**Mrs. SUSHMA B A**

  
12/7/23

Signature of HOD

**Prof. SUKESH H A**

  
12/09/23

Signature of Internal Examiner

  
12/2/23

Signature of External Examiner

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

Ekta Nagar, Basavanapura, (K.R. Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



**Department of Computer Science and Engineering**

## **CERTIFICATE**

This is to certify the project work entitled "MUSIC PLAYER" has been successfully carried out by **Mr. NEWTON MAHATO**, bearing USN ISP21CS401, of 6<sup>th</sup> Sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The mini project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

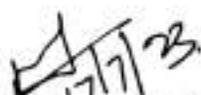
  
10/07/23

Signature of Co-Ordinator

**Mrs. SUSHMA B A**

  
Signature of HOD

**Dr. SUKESH H.A**

  
17/7/23  
Signature of Internal Examiner

  
17/7/23  
Signature of External Examiner

# S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar,Basavanpura, Virgonagar Post,K.R.Puram,Bengaluru,Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "TETRIS GAME" has been successfully carried out by **Mr AMAN DUBEY**, bearing USN 1SP21CS400 respectively, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science And Technology of the Visvesvaraya Technological University, Belagavi** during the year 2023. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/09/23

Signature of Co-Ordinator  
Mrs. SUSHMA B A

*Sukesh H A*

Signature of HOD  
Prof. SUKESH H A

*H*  
17/7/23

Signature of Internal Examiner

*S*  
17/7/23

Signature of External Examiner

# S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar,Basavanpura, Virgonagar Post,K.R.Puram,Bangaluru,Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "MATHS QUIZ GAME APP" has been successfully carried out by Mr RAHUL SAHOO , bearing USN 1SP21CS402 respectively, of 6<sup>th</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science And Technology of the Visvesvaraya Technological University, Belagavi during the year 2023. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/07/23

Signature of Co-Ordinator  
Mrs. SUSHMA B A

*Sukesh H A*  
Signature of HOD  
Prof.SUKESH H A

*[Signature]*  
17/7/23  
Signature of Internal Examiner

*[Signature]*  
17/7/23  
Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY



Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560049

## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "ANDROID LUDO" has been successfully carried out by **KAILASH PRASAD** bearing USN 1SP20CS023 of 6th sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2022-23. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/07/23

Signature of Co-ordinator

**Mrs. SUSHMA B A**

*Sukesh*  
Signature of HOD

**Prof. SUKESH H A**

*Sushma*  
12/07/23

Signature of Internal Examiner

*Sushma*  
12/07/23  
Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R. Puram), Bangalore, Karnataka 560059

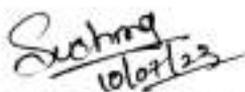
(Affiliated to Visvesvaraya Technological University, Belagavi)



## Department of Computer Science and Engineering

### CERTIFICATE

This is to certify the project work entitled "TETRIS GAME" has been successfully carried out by **Ms. GEETHA C L**, bearing USN ISP20CS020, of 6<sup>th</sup> Sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The mini project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

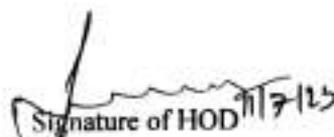


Signature of Co-Ordinator

Mrs. SUSHMA B A

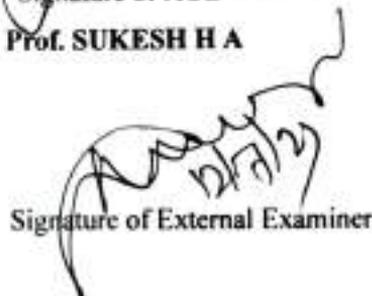


Signature of Internal Examiner



Signature of HOD

Prof. SUKESH H A



Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, VirgonagarPost, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled “**DANCING ROBOT**” has been successfully carried out by **K Abhiram**, bearing **USN ISP20CS001** of **VI sem** in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2023**. The mini project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**Mrs.SASWATI BEHERA**

Dept.of CSE

Signature of HOD

**Prof. SUKESH H A**

Dept.of CSE

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

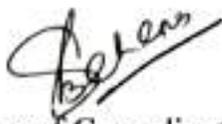
Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "3D BIKE SIMULATION" has been successfully carried out by **AKHIL RAJ**, bearing **USN ISP20CS002** of **VI sem** in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2023**. The mini project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.



Signature of Co-ordinator

**Mrs. SASWATI BEHERA**

Dept. of CSE



Signature of HOD

**Prof. SUKESH H A**

Dept. of CSE

# SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bangaluru, Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify that project work entitled "MOVING BOAT" has been successfully carried out by **Mr. Aravind.M**, bearing **USN ISP20CS004**, of 6<sup>th</sup> semester in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technology University**, Belgaum during the year **2022-2023**. The project report has been approved as it satisfies the academic requirements in respect of the Project work prescribed for the said Degree.

Signature of the Guide

Mrs. SASWATI BEHERA

Signature of the HOD

Prof. SUKESH H A

# SOUTH EAST ASIAN COLLEGE OF ENGINEERING & TECHONOLOGY

[Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi]

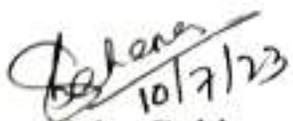
Ektanagar, Ayyappan Nagar Circle, K. R. Puram, Bangalore – 560049

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



## CERTIFICATE

This is to certify the project work entitled “SMART CITY SIMULATION” has been successfully carried out by **ASHUTOSH PRAJAPATI** bearing USN 1SP20CS006, of VI sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2023**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of the Guide

**Mrs. SASWATI BEHERA**

  
Signature of the HOD

**Prof. SUKESH H A**

# S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY

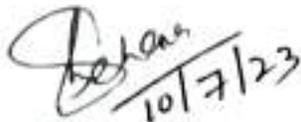
EktaNagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "FLOWING FOUNTAIN" has been successfully carried out by **ASHWINI G**, bearing **USN ISP20CS007** & of VI sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the **Visveshvaraya Technological University, Belgaum** during the year **2023**. The project has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
10/7/23

Signature of Co-ordinator

**Assistant Prof Mrs Saswati Behera**

**Dept.of CSE, SEACET**

  
10/7/23

Signature of HOD

**Prof.Sukesh H A**

**Prof & HOD**

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

Ekta Nagar, Basavanapura, (K.R. Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



**Department of Computer Science and Engineering**

## **CERTIFICATE**

This is to certify the project work entitled "RAILWAY STATION" has been successfully carried out by **Mr. AVISHEK DAS**, bearing USN 1SP20CS008, of 6<sup>th</sup> Sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The mini project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-Ordinator

**Mrs. SASWATI BEHERA**

Signature of HOD

**Dr. SUKESH H.A**

# **S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

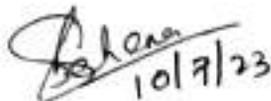
EktaNagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka 560049



## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

### **CERTIFICATE**

This is to certify the project work entitled "MOVABLE CAMERA WITH OBJECT" has been successfully carried out by **AYESHA SARWATH**, bearing **USN 1SP20CS009** & of VI sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the **Visveshvaraya Technological University, Belgaum** during the year **2023**. The project has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
10/7/23

Signature of Co-ordinator

**Assistant Prof Mrs Saswati Behera**

**Dept.of CSE, SEACET**

  
Signature of HOD

**Dr.Sukesh H A**

**Prof & HOD**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY



Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560049

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "EPILOGUE OF EDUCATION" has been successfully carried out by **Mr. AYUSH KUMAR**, bearing USN 1SP20CS010, of 6th semester in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the **Visvesvaraya Technological University, Belgaum** during the year 2022-23. The mini project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-Ordinator

Asst. Prof. SASWATI BEHERA

  
Signature of HOD

Prof. SUKESH H A

# S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY

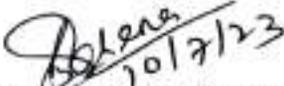
EktaNagar,Basavanpura, Virgonagar Post,K.R.Puram,Bangaluru,Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled “**VIEWS OF RACE TRACK**” has been successfully carried out by **Mr. B.NARESH** ,bearing **USN 1SP20CS011**, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science And Technology of the Visvesvaraya Technological University, Belagavi** during the year **2023**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-Ordinator

**Mrs. SASWATI BEHERA**

  
Signature of HOD

**Prof. SUKESH H A**

SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



Department of Computer Science and Engineering

## CERTIFICATE

This is to certify the project work entitled "ROCKET LAUNCHING" has been successfully carried out by Ms. BHUVANA K.V, bearing USN ISP20CS012, of 6<sup>th</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

Mrs. SASWATI BEHERA

  
Signature of HOD

Prof.Sukesh H A

Signature of External Examiner

**V. K. C. COLLEGE OF ENGINEERING AND TECHNOLOGY**  
K. R. Nagar, Narayanaपुरa, Virgoonagar Post, K. R. Puram, Bengaluru, Karnataka 560099



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING,**

## **CERTIFICATE**

This is to certify the project work entitled „helicopter” has been successfully carried out by Charandeep A (1SP20CS014) bearing of sixth sem in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the **Visvesvaraya Technological University, Belgaum** during the year **2022-23** the project has been approved has it certified the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**Mrs Saswati behari**

Signature of the HOD

**Prof. SUKESH H A**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "TRAIN ARRIVAL AND DEPARTURE " has been successfully carried out **Faijan Ansari ( 1SP20CS017)** of 6<sup>TH</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2022-23.The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Guide

**Asistant. Prof. SASWATI BEHERA**

Signature of HOD

**Prof. SUKESH H.A**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

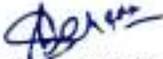
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "SEA SUNSET VIEW" has been successfully carried out by **Mr. FASLU RAHMAN**, bearing USN 1SP20CS018, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **computer Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

**Asst Prof. SASWATI BEHARA**

  
Signature of HOD

**Prof. SUKESH H A**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura , Virgo nagar Post , K.R.puram, Bengaluru . Karnataka 560049



DEPARTME OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "AIRSHOW" has been successfully carried out by **GANGADHAR BV (ISP19CS019)** of VI semester in partial fulfilment for the award of Bachelor of Engineering in **Computer Science And Engineering** of the **Vishveshwarya Technological University ,Belagavi** during the year 2022 . The mini project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering .

Signature of Co-coordinator  
Asst Prof. Saswati Behera,  
Dept of CSE

Signature of HOD  
Prof. B. Sukesh,  
Dept of CSE

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R. Puram), Bangalore, Karnataka 560059

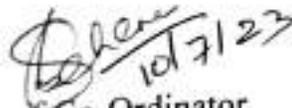
(Affiliated to Visvesvaraya Technological University, Belagavi)



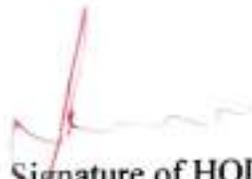
## Department of Computer Science and Engineering

### CERTIFICATE

This is to certify the project work entitled "WATER CYCLE" has been successfully carried out by **Ms. GEETHA C L**, bearing **USN 1SP20CS020**, of 6<sup>th</sup> Sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-Ordinator

**Mrs. SASWATI BEHERA**

  
Signature of HOD

**Mr. SUKESH H A**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



## Department of Computer Science and Engineering

### CERTIFICATE

This is to certify the project work entitled “TIC TAC TOE” has been successful carried out by **Ms. JANHAVI B**, bearing **USN 1SP20CS021**, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2022-2023. The mini project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.



Signature of Co-ordinator

**Mrs. SASWATI BEHERA**



Signature of HOD

**Prof. SUKESH H.A**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY



Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560049

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "VILLAGE SCENARIO" has been successfully carried out by **Mr.JEETHU PATHAK**, bearing **USN 1SP20CS022**, of 6th sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Enginerring** of the **Visvesvaraya Technological University, Belgaum** during the year **2022-23**.The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-Ordinator

**Asst. Prof. SASWATI BEHERA**

  
Signature of HOD

**Prof. SUKESH H A**

**S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY**  
**BANGALORE -560049**  
**(Affiliated to Visvesvaraya Technology University Belagavi)**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CERTIFICATE**

Certified that the Computer Graphics Project work entitled "**AQUARIUM**" has been carried out by **KAILASH PRASAD (ISP20CS023)**, a bonafide student of **S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY** in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visvesvaraya Technological University, Belgaum during the year **2020-2023**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library.

Signature of Co-Ordinator

**Mrs. SASHWATI BEHERA**

Signature of HOD

**Prof. SUKESH HA**

# S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar,Basavanpura, Virgonagar Post,K.R.Puram,Bangaluru,Karnataka 560059



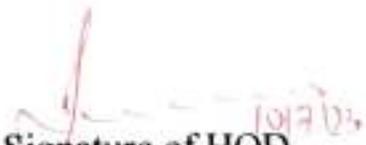
## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the mini project work entitled "BUS STOP SIMULATION" has been successfully carried out by Miss. KEZIAH K, bearing USN ISP20CS024, of 6<sup>th</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science And Technology of the Visvesvaraya Technological University, Belagavi during the year 2023. The mini project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-Ordinator

Mrs. SASWATI BEHERA

  
Signature of HOD

Prof. SUKESH H A

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "**DATA COMMUNIVCATION OVER A NETWORK**" has been successfully carried out by **Mr. KIRAN K KISHORE**, bearing USN **ISP20CS025**, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **computer Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The mini project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**AsstProf. SASWATI BEHERA**

Signature of HOD

**Prof. SUKESH H A**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



## Department of Computer Science and Engineering

### CERTIFICATE

This is to certify the project work entitled "AIRSHOW" has been successful carried out by **Ms. LIKITHA C**, bearing **USN ISP20CS027**, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2022-2023. The mini project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**Mrs. SASWATI BEHERA**

Signature of HOD

**Prof. SUKESH H.A**

SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



**Department of Computer Science and Engineering**

## **CERTIFICATE**

This is to certify the project work entitled “**VISUALISATION OF RAIN WATER**” has been successfully carried out by **Ms. LIPIKA**, bearing **USN 1SP20CS028**, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**Mrs. SASWATI BEHERA**

Signature of HOD

**Prof.Sukesh H A**

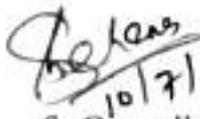
**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**  
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

### **CERTIFICATE**

This is to certify the project work entitled "PARACHUTE ANIMATION" has been successfully carried out by **Mrs.MADDURI HARI PRIYA**, bearing **USN 1SP20CS029** and of VI sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2023**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
10/7/23

Signature of Co-ordinator

**Mrs.Saswathi Behera**  
Dept. of CSE

  
10/7/23

Signature of HOD

**Prof.SUKESH HA**  
Dept. of CSE

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**  
Ekta Nagar, Basavanapura, (K.R. Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



**Department of Computer Science and Engineering**

## **CERTIFICATE**

This is to certify the project work entitled "**SPACE SHOOTER**" has been successfully carried out by **Mr. MANOJ PRASAD**, bearing **USN 1SP20CS030**, of 6<sup>th</sup> Sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-Ordinator

**Mrs. SASWATI BEHERA**

  
Signature of HOD

**Dr. SUKESH H.A**

**S.F.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



**Department of Computer Science and Engineering**

## **CERTIFICATE**

This is to certify the project work entitled "SAILING SHIP GAME" has been successfully carried out by Ms. **MUBASHIR RAHMAN**, bearing USN 1SP20CS032, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**Mrs. SASWATI BEHRA**

Signature of HOD

**Dr. SUKESH H.A**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

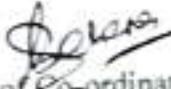
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "**DANCING ROBOT**" has been successfully carried out by **Mr. NABEEL SADIQU N**, bearing USN **ISP20CS033**, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **computer Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of  Co-ordinator

**Asst Prof. SASWATI BEHARA**

Signature of  HOD

**Prof. SUKESH H A**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

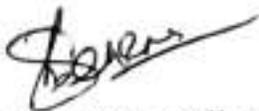
(Affiliated to Visvesvaraya Technological University, Belagavi)



## Department of Computer Science and Engineering

### CERTIFICATE

This is to certify the project work entitled "WATER CYCLE" has been successfully carried out by **Mr. NADIMUDDIN**, bearing USN ISP20CS034, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.



Signature of Co-ordinator

Mrs. SASWATI Behera



Signature of HOD

Dr. SUKESH H.A

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

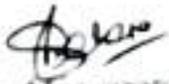
Ekta Nagar, Basavanpura, Virgo nagar Post, K R puram, Bengaluru, Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled **SNAKE GAME** has been successfully carried out by **NAVEEN M (1SP20CS037)** of VI semester in partial fulfilment for the award of Bachelor of Engineering in **Computer Science And Engineering** of the **Vishveshwarya Technological University, Belagavi** during the year 2022. The mini project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-coordinator  
Asst Prof. Saswati Behera,  
Dept of CSE

  
Signature of HOD  
Prof. B. Suresh,  
Dept of CSE

SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



Department of Computer Science and Engineering

## CERTIFICATE

This is to certify the project work entitled "RAIN WATER HARVESTING" has been successfully carried out by NAVYA JS, bearing USN ISP20CS038, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the Visvesvaraya Technological University, Belgaum during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**Mrs. SASWATI BEHERA**

Signature of HOD

**Prof. Sukesh H A**

# **S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

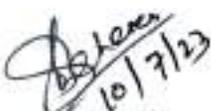
(Affiliated to Visvesvaraya Technological University, Belagavi)



## **Department of Computer Science and Engineering**

### **CERTIFICATE**

This is to certify the project work entitled "FISHING" has been successfully carried out by **Ms. NIDHI KUMARI**, bearing **USN 1SP20CS040**, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

**Mrs. SASWATI BEHERA**

  
Signature of HOD

**Dr.SUKESH H.A**

# S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar,Basavanpura, Virgonagar Post,K.R.Puram,Bangaluru,Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled “PATH FINDING USING OPENGL” has been successfully carried out by **Miss. NUSUM NAGALAKSHMI**, bearing **USN 1SP20CS041**, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science And Technology of the Visvesvaraya Technological University, Belagavi** during the year **2023**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-Ordinator

**Mrs. SASWATI BEHERA**

Signature of HOD

**Prof. SUKESH H A**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



## Department of Computer Science and Engineering

### CERTIFICATE

This is to certify the project work entitled "STEAM ENGINE" has been successfully carried out by **PARVATI.B**, bearing **USN 1SP20CS043**, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**Mrs. SASWATI BEHERA**

Signature of HOD

**Prof.SUKESH H A**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

## **CERTIFICATE**

This is to certify the project work entitled 'Rubick cube' has been successfully carried out by PAVANA S (ISP20CS044) bearing of sixth sem in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the **Visvesvaraya Technological University, Belagaum** during the year **2022-23** the project has been approved has it certified the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

A handwritten signature in black ink, appearing to read "Saswati Behera", with the date "11/7/23" written below it.

Signature of Co-ordinator

**Mrs.SASWATI BEHERA**

A handwritten signature in blue ink, appearing to read "Sukesh H A", with a long horizontal stroke extending to the right.

Signature of the HOD

**Prof. SUKESH H A**

**SEA COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**EKTHA NAGAR BANGALORE - 560048**



**Department of Computer Science and Engineering**

**CERTIFICATE**

Certified that project work entitled "ANALOG CLOCK" is a bonafide work carried out by

**Pradeep Naik**  
**(1SP20CS045)**

In partial fulfillment for the award of the Bachelor of Engineering in Computer Science and Engineering. Of the Viseveswaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for the 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 work prescribed for Bachelor of Engineering Degree.

Signature of the Guide  
Mrs. Saswati Behera  
Asst. Prof., CSE Dept.

Signature of the HOD  
Prof. SUKESH  
HOD, CSE Dept.,

# S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar,Basavanpura, Virgonagar Post,K.R.Puram,Bengaluru,Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled “CLIENT SERVER PROTOCOL” has been successfully carried out by **Mr.PRATEEK CHOUDHARY**, bearing **USN 1SP20CS046**, of 6<sup>th</sup> sem in partial fulfillment for the award of **Bachelor of Engineering in Computer Science And Technology of the Visvesvaraya Technological University, Belagavi** during the year **2023**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-Ordinator  
**Mrs. SASWATI BEHERA**

  
Signature of HOD  
**Prof. SUKESH H A**

# **S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

### **CERTIFICATE**

This is to certify the project work entitled "TRAIN ARRIVAL AND DEPARTURE" has been successfully carried out **PRATIK YADAV (ISP20CS047)** of 6<sup>TH</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2023-24. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Guide

**Asistant. Prof. SASWATI BEHERA**

Signature of HOD

**Prof. SUKESH H.A**

# SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi | Recognized by Govt. of Karnataka | Approved by AICTE, New Delhi)

K.R.Puram, Bengaluru- 560 049

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

Certified that the Mini Project work entitled "*WALKING ROBOT*" carried out by **Mr. Praveen Kumar B K (ISP20CS048)**, a bonafide students of **SEA COLLEGE OF ENGINEERING AND TECHNOLOGY**, Bengaluru, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of **VISVESVARAYA TECHNOLOGICAL UNIVERSITY**, Belagavi during the year **2022-23**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The Mini Project report has been approved as it satisfies the academic requirements in respect of Computer Graphics Laboratory with Miniproject prescribed for the said Degree.

  
**Prof. Saswati Behera**  
Associate Professor  
Dept. of CSE, SEACT

  
**Dr. Sukesh**  
Head of the dept.  
Dept. of CSE, SEACT

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

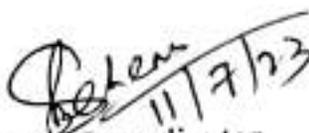
(Affiliated to Visvesvaraya Technological University, Belagavi)



## Department of Computer Science and Engineering

### CERTIFICATE

This is to certify the project work entitled "AEROCRASH" has been successful carried out by **Ms. PRIYA TRIPATHI**, bearing **USN 1SP20CS049**, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2022-2023. The mini project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

**Mrs. SASWATI BEHERA**

  
Signature of HOD

**Prof. SUKESH H.A**

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

Ektanagar , Basavanpura (K R Puram) ,Bengaluru,karnataka - 560049.

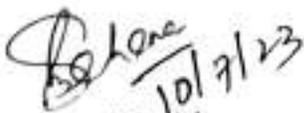
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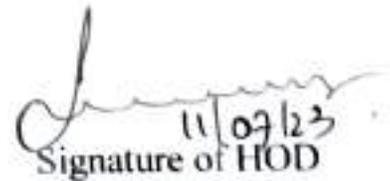
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CERTIFICATE**

This is to certify the mini project work entitled "**WORKING OF SATELLITE**" has been successfully carried out by "**Mr. R ANWAR PASHA (ISP20CS050)**" of "**6TH**" Sem in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of the **Visvesvaraya Technological University, Belagavi** , during the year of 2023-24 .The mini project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering .

  
10/7/23

Signature of Guide  
**Mrs SASWATI BEHERA**

  
11/07/23

Signature of HOD  
**Prof. SUKESH H A**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "PULWAMA ATTACK" has been successfully carried out by **RAGHURAJ PRATAP SINGH(1SP20CS051)** of VI sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2022**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**Mrs. SHASWATI**

Signature of HOD  
**Dr. SUKESH H.A**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

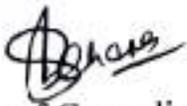
(Affiliated to Visvesvaraya Technological University, Belagavi)



## Department of Computer Science and Engineering

### CERTIFICATE

This is to certify the project work entitled "SAILING SHIP GAME" has been successfully carried out by **Mr. RAJKUMAR OJHA**, bearing USN 1SP20CS053, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.



Signature of Co-ordinator

**Mrs. SASWATI B**



Signature of HOD

**Dr. SUKESH H.A**

# **S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

EktaNagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka 560049



## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

### **CERTIFICATE**

This is to certify the project work entitled "SNOWMAN ANDROMAN" has been successfully carried out by **SUHAS S**, bearing **USN ISP20CS055**, of VI sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the **Visveshvaraya Technological University, Belgaum** during the year **2023**. The project has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.



Signature of Co-ordinator

**Assistant Prof Mrs Saswati Behera**

**Dept.of CSE, SEACET**



Signature of HOD

**Sukesh H A**

**Prof & HOD**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

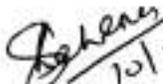
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "RADIO ACTIVE" has been successfully carried out by **Mr.SAGAR B N**, bearing **USN 1SP20CS056**, of VI sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2023**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
10/7/23  
Signature of Co-ordinator

**Mrs.SASWATI BEHERA**

  
10/7/23  
Signature of HOD

**Dr SUKESH H A**

**PROF & HOD**

**DEPT OF CSE,SEACET**

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**  
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



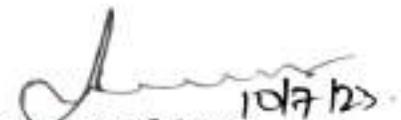
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CERTIFICATE**

This is to certify the project work entitled “**SOLAR SYSTEM**” has been successfully carried out by **Ms.SAHANA.K**, bearing **USN ISP20CS057**, of VI sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2023**.The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of  Co-ordinator  
20/7/23

**Mrs.SASWATI BEHERA**

Signature of HOD   
10/7/23

**Dr SUKESH H A**

**PROF & HOD**

**DEPT OF CSE,SEACET**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CERTIFICATE**

This is to certify the project work entitled "WATER CYCLE" has been successfully carried out by SAHANA P , bearing USN 1SP20CS058, of VI sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the **Visveshvaraya Technological University, Belgaum** during the year **2023**. The project has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**Assistant Prof Mrs Saswati Behera**

**Dept.of CSE, SEACET**

Signature of HOD

**Sukesh H A**

**Prof & HOD**

S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY  
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka  
560049



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**CERTIFICATE**

This is to certify the project work entitled "ATOM SIMULATION" has been successfully carried out by **Mr. SATHYA PRAKASH J**, bearing USN **1SP20CS060**, of VI sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science And Engineering of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**Asst Prof. SASWATI BEHERA**

Signature of HOD

**Prof.SUKESH H A**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

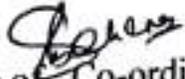
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "TRAFFIC LIGHT STIMULATION" has been successfully carried out by **Mr SHAHADATH ALI** bearing USN 1SP20CS061, of VI sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2023**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of  Co-ordinator

**Mrs.SASWATI BEHERA**

Signature of  HOD

**Mr. SUKESH H A**

**PROF & HOD**

**DEPT OF CSE,SEACET**

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

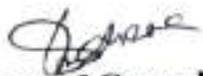
*EktaNagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka 560049*



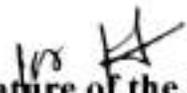
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CERTIFICATE**

This is to certify the project work entitled '**PATH FINDER**' has been successfully carried out by **SHAHBAZ IMRAN(1SP20CS062)** bearing of sixth sem in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the **Visvesvaraya Technological University, Belagaum** during the year **2022-23** the project has been approved has it certified the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

**Mrs.SWATHI A**

  
Signature of the HOD

**Prof. SUKESH H A**

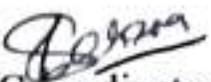
**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**  
EktaNagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka 560049



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

### **CERTIFICATE**

This is to certify the project work entitled "ISRO's Project" has been successfully carried out by **SHIVUPRAKASH KHENY**, bearing USN 1SP20CS064, of VI sem in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the **Visveshvaraya Technological University, Belgaum** during the year **2023**. The project has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

**Assistant Prof Mrs Saswati Behera**  
**Dept.of CSE, SEACET**

  
Signature of HOD

**Sukesh H A**  
**Prof & HOD**

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

Ekta Nagar, Basavanapura, (K.R. Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



**Department of Computer Science and Engineering**

## **CERTIFICATE**

This is to certify the project work entitled “**SAILING OF SHIP DAY AND NIGHT**” has been successfully carried out by **Ms. SUJATA CHANDA**, bearing **USN 1SP20CS065**, of 6<sup>th</sup> Sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-Ordinator

**Mrs. SASWATI BEHERA**

  
Signature of HOD

**Dr. SUKESH H.A**

# S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar,Basavanpura, Virgonagar Post,K.R.Puram,Bengaluru,Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "TETRIS GAME" has been successfully carried out by Mr RAHUL SHARMA, bearing USN ISP21CS403 respectively, of 6<sup>th</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science And Technology of the Visvesvaraya Technological University, Belagavi during the year 2023. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/07/23

Signature of Co-Ordinator  
Mrs. SUSHMA B A

*Sukesh H A*  
Signature of HOD  
Prof. SUKESH H A

*H*  
17/7/23  
Signature of Internal Examiner

*[Signature]*  
17/7/23  
Signature of External Examiner

# S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY

FktaNagar,Basavanpura, Virgonagar Post,K.R.Puram,Bengaluru,Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "TETRIS GAME" has been successfully carried out by **Mr AMAN DUBEY**, bearing USN 1SP21CS400 respectively, of 6<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Computer Science And Technology of the Visvesvaraya Technological University, Belagavi** during the year **2023**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/09/23

Signature of Co-Ordinator  
Mrs. SUSHMA B A

*Sukesh H A*  
Signature of HOD  
Prof. SUKESH H A

*H*  
17/7/23  
Signature of Internal Examiner

*S*  
17/7/23  
Signature of External Examiner

# S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K. R. Puram, Bangahuru, Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "MATHS QUIZ GAME APP" has been successfully carried out by Mr RAHUL SAHOO , bearing USN ISP21CS402 respectively, of 6<sup>th</sup> sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science And Technology of the Visvesvaraya Technological University, Belagavi during the year 2023. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*Sushma*  
10/07/23

Signature of Co-Ordinator  
Mrs. SUSHMA B A

*Sukesh H A*  
Signature of HOD  
Prof.SUKESH H A

*[Signature]*  
17/7/23  
Signature of Internal Examiner

*[Signature]*  
17/7/23  
Signature of External Examiner

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAUM, KARNATAKA-590014**



A Project report on

**“Air Pollution Monitoring and Alerting System based on IOT  
Sensor ”**

Submitted in fulfilment of the requirements for the 8<sup>th</sup> semester

**BACHELOR OF ENGINEERING**

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

AISHWARIYA MT 1SP19IS002

ANIL LAMA 1SP19IS005

SACHIN KUMAR BHARTI 1SP19IS021

SANJANA SAMIKSHA N H 1SP19IS023

Under the guidance of:

**Mrs. R Muni Prashanthi**

Asst. Professor

Dept of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K. R. Puram, Bengaluru, Kamataka 560059



## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "AIR POLLUTION MONITORING AND ALERTING SYSTEM BASED ON IOT SENSOR" has been successfully carried out by Mrs. AISHWARIYA MT(1SP18IS002), Mr. ANIL LAMA(1SP19IS005), Mr. SACHIN KUMAR BHARTI(1SP19IS021), Ms.SANJANA SAMIKSHA N H(1SP19IS023) of VIII Sem in partial fulfilment for the award of Bachelor of Engineering in Information Science and Engineering of the Visvesvaraya Technological University, Belgaum during the year 2023. The project report has been approved as it satisfied the academic requirement in respect of the Project work prescribed for the Bachelor of Engineering.

*R. Muni Prashanthi*  
Signature of Guide

R Muni Prashanthi

*Nijaguna G S*  
Signature of HOD

Dr. Nijaguna G S

*B Venkata Narayan*  
Signature of Principal

Dr. B Venkata Narayan

*B. Hegannayage*  
Signature of Internal Examiner,  
Dr. B. Hegannayage

*Md Ziaulla*  
Signature of External Examiner  
(Md Ziaulla)

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAVI, KARNATAKA-590014**



A Project report on

**“ENCRYPTION OF SENSITIVE DATA IN CLOUD COMPUTING”**

Submitted in fulfillment of the requirements for the 8<sup>th</sup> semester

**BACHELOR OF ENGINEERING**

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

SHIVA K	1SP19IS027
ROOPA G P	1SP19IS020
VARUN G	1SP19IS032
HUMNABAD JASHMITHA	1SP19IS010

Under the guidance of:  
**Mrs. SUMITHA UDAIKUMAR**  
Asst. Professor, Dept of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY  
BENGALURU 560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

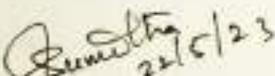
Ekta Nagar, Basavanpura, Virgonagar Post, K. R. Puram, Bengaluru, Karnataka 560049



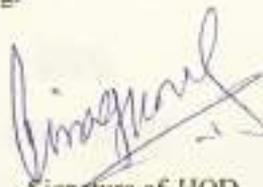
## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

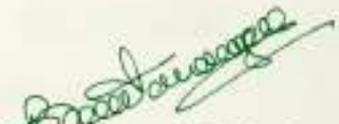
This is to certify the project work entitled "ENCRYPTION OF SENSITIVE DATA IN CLOUD COMPUTING" has been successfully carried out by SHIVA K(ISP19IS027), VARUN G(ISP19IS032), ROOPA G P(ISP19IS020), HUMNABAD JASHMITHA(ISP19IS010), of VIII Sem in partial fulfillment for the award of Bachelor of Engineering in Information Science and Technology of the Visvesvaraya Technological University, Belagavi during the year 2023. The project report has been approved as it satisfied the academic requirement in respect of the project work prescribed for the Bachelor of Engineering.

  
22/5/23  
Signature of Guide

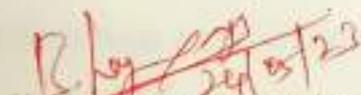
Prof. Mrs. Sumitha Udaikumar



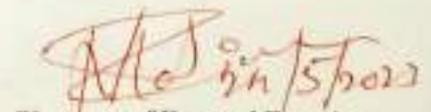
Signature of HOD  
Dr. Nijaguna G S



Signature of Principal  
Dr. B Venkata Narayan

  
24/5/23  
Signature of Internal Examiner

(Dr. B. Heganyagi)

  
Signature of External Examiner

(Md Ziaulla)

VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAUM, KARNATAKA-590014



A Project report on

Web Address Spoofing: A Real Case Scenario Through Login URLs

Submitted in fulfilment of the requirements for the 8<sup>th</sup> semester

**BACHELOR OF ENGINEERING**

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

LAVANYA S	ISP19IS011
VIVEKA S C	ISP19IS035
YUVASHREE G	ISP19IS033
SOMESHEKAR M ANCHATAGERI	ISP18IS010

Under the guidance of:

**Dr. NIJAJUNA G S**

HOD Dept of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU 560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgoanagar Post, K. R. Puram, Bengaluru, Karnataka 560049



## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "WEB ADDRESS SPOOFING: A REAL CASE SCENARIO THROUGH LOGIN URLs" has been successfully carried out by LAVANYA S(ISP19IS011), YUVASHREE G(ISP19IS033), VIVEKA S C(ISP19IS035), SOMESHEKAR M ANCHATAGERI(ISP18IS010), OF VIII Sem in partial fulfilment for the award of Bachelor of Engineering in Information Science and Technology of the Visvesvaraya Technological University, belgaum during the year 2023. The project report has been approved as it satisfied the academic requirement in respect of the project work prescribed for the Bachelor of Engineering.

Signature of Guide  
Dr. Nijaguna G S

Signature of HOD  
Dr. Nijaguna G S

Signature of Principal  
Dr. B Venkata Narayan

Signature of Internal Examiner  
Dr. B. Loganayagi

Signature of External Examiner  
Mohammed Ziaulla



A Project report on

**"Image Enrichment, Enhancement and Restoration"**

Submitted in Partial fulfilment of the requirements for the 8<sup>th</sup> semester

**BACHELOR OF ENGINEERING**

IN

**INFORMATION SCIENCE AND ENGINEERING**

**Submitted By**

ADITYA R	ISP19IS001
AJAY DANASEKARAN	ISP19IS003
AKASH P	ISP19IS004

Under the guidance  
of

Mrs. Mimi Prashanti .R  
Asst Prof. Dept Of I.S.E



**Department of Information Science and Engineering**

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K. R. Puram, Bengaluru,  
Karnataka-560059

## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



### CERTIFICATE

This is to certify the project work entitled "Image Enrichment, Enhancement and Restoration" has been successfully carried out by Mr. ADITYA R (ISP19IS001), Mr. AJAY DANASEKARAN (ISP19IS003), Mr. AKASH P (ISP19IS004) of VIII Semester in partial fulfilment for the award of Bachelor of Engineering in **Information Science & Engineering** of the Visvesvaraya Technological University, Belgaum during the year 2022-23. The project report has been approved as it satisfied the academic requirement in respect of the Project work prescribed for the Bachelor of Engineering.

Signature of Guide

Asst Prof. Muni Prashanthi .R

Signature of H.O.D

Dr. Nijaguna G.S

Signature of Principal

Dr. B. Venkata Narayana

Signature of Internal Examiner

Dr. B. Loganayaga

Signature of External Examiner

(Md Ziulla)

# **VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

"JNANA SANGAMA", MACHHE, BELAGAVI-590018



PROJECT REPORT  
ON

## **BANK FRAUD DETECTION USING MACHINE LEARNING TECHNIQUE AND AUTHENTICATION USING IRIS RECOGNITION**

Submitted in partial fulfillment of the requirements for the VIII semester

**BACHELOR OF ENGINEERING**

in

**INFORMATION SCIENCE AND ENGINEERING**

of

Visvesvaraya Technological University, Belagavi

by

**CHALANA SHREE C J**

**(1SP19IS006)**

**RAGHU**

**(1SP19IS018)**

**SANGEETA BEHURA**

**(1SP19IS022)**

**SHWETA S JADHAV**

**(1SP19IS028)**

Under the Guidance of

**Mrs. SUMITHA UDAIKUMAR**

Assistant Professor

Dept of ISE



**Department of Information Science and Engineering**

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY,**

**BANGALORE-560036**

**2022-2023**

# SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

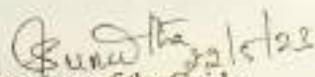
K.R.Puram, Bangalore-560036



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

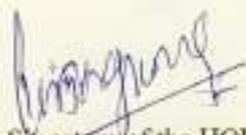
## CERTIFICATE

This Certified is that the project work entitled "Bank Fraud Detection Using Machine Learning Technique and Authentication Using Iris Recognition" carried out by CHALANA SHREE C J (ISP19IS006), RAGHU (ISP19IS018), SANGEETA BEHURA (ISP19IS022) & SHWETA S JADHAV (ISP19IS028) a bonafide student of S.E.A. College of Engineering & Technology, in partial fulfilment for the 8<sup>th</sup> semester of Bachelor of Engineering in Information Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
22/5/23

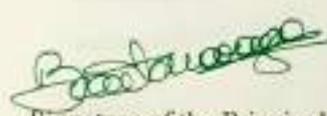
Signature of the Guide

Mrs. Sumitha Udaikumar



Signature of the HOD

Dr. Nijaguna G S



Signature of the Principal

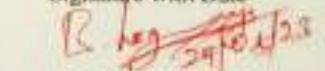
Dr. B Venkata Narayana

### External Viva:

Name of the Examiner

1. Dr. B. Loganathan
2. Md. Ziaulla

Signature with Date

  
24/05/23  
  
24/05/2023

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
**BELAGAVI, KARNATAKA-590014**



A Project report on

**“IMAGE FORGERY DETECTION USING DEEP LEARNING”**

Submitted in fulfilment of the requirements for the 8<sup>th</sup> semester

**BACHELOR OF ENGINEERING**

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

HARDEEP SINGH BORA 1SP19IS009

NAVEEN M 1SP19IS014

SHAIK IRFAN 1SP19IS025

SHASHIKANTH HOOGAR 1SP19IS026

Under the guidance of:  
Asst. Prof. Amit Kumar  
Dept of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

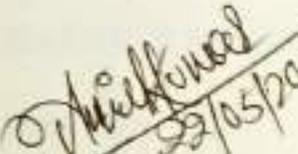
Ekta Nagar, K. R. Puram, Bengaluru, Karnataka 560059



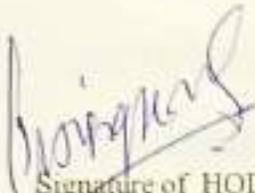
## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "IMAGE FORGERY DETECTION USING DEEP LEARNING" has been successfully carried out by SHAIK IRFAN(ISP19IS025), HARDEEP SINHG BORA(ISP19IS009), NAVEEN M(ISP19IS014), SHASHIKANTH HOOGAR(ISP19026) of VIII Sem in partial fulfilment for the award of Bachelor of Engineering in Computer Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2022-23. The project report has been approved as it satisfied the academic requirement in respect of the Project work prescribed for the Bachelor of Engineering.

  
Signature of Guide  
22/05/2023

Asst. Prof. Amit Kumar

  
Signature of HOD

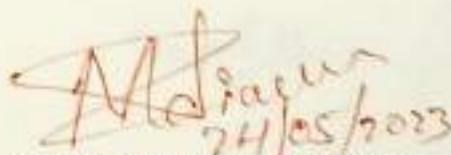
Dr. Nijaguna G S



Signature of Principal  
Dr. B Venkata Narayan

  
Signature of Internal Examiner  
24/05/23

Do. B. Leganesy

  
Signature of External Examiner  
24/05/2023  
(Md Ziaulla)

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

"JNANA SANGAMA" MACHHE, BELAGAVI-590018



Internship Report on

**“BANK MANAGEMENT SYSTEM”**

Submitted in partial fulfillment of the requirements for the VIII semester

**Bachelor of Engineering**

in

**Information Science and Engineering**

of

Visvesvaraya Technological University, Belagavi.

by

**Shiva k**

**(ISP19IS027)**

Under the Guidance of

Mrs. SUMITHA UDAIKUMAR

Assistant Professor Dept. of ISE



**Department of Information Science and Engineering**  
**SEA COLLEGE OF ENGINEERING AND TECHNOLOGY,**  
**BANGALORE- 560 036**

**2022-2023**

# SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

K.R. Puram, Bangalore-560 036



DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

## CERTIFICATE

Certified that **Mr. SHIVA K** bearing USN **ISP19IS027**, a bonafide student of **SEA College of Engineering and Technology**, has successfully completed technical seminar entitled "**BANK MANAGEMENT SYSTEM**" in partial fulfillment of the requirements for VIII semester **Bachelor of Engineering in Information Science and Engineering** of **Visvesvaraya Technological University, Belagavi** during academic year 2022-2023. It is certified that all Corrections/Suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the Bachelor of Engineering degree.

Internship Coordinator

Signature of HOD

Signature of principal

External Viva

Name of the Examiner

Signature with Date

23/5/23

23/5/23

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**



**BELAGAVI – 590018, Karnataka**

**INTERNSHIP REPORT**

**ON**

**“Car Rental Management System”**

*Submitted in partial fulfilment for the award of degree(18CSI85)*

**BACHELOR OF ENGINEERING  
IN  
INFORMATION SCIENCE**

*Submitted by:*

**AKASH P**

**1SP19IS004**

Conducted at  
**TECHNOLOGICS GLOBAL PVT LTD**



**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**Department of Information Science & Engineering  
BENGALURU– 560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R Puram, Bengaluru, Karnataka 560049



## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify that the Internship titled "Car Rental Management System" carried out by Mr. AKASH P, a bonafide student of S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY, in partial fulfillment for the award of Bachelor of Engineering in INFORMATION SCIENCE & ENGINEERING under Visvesvaraya Technological University, Belagavi. During the year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report.

The project report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the course Internship / Professional Practice (18CSI85)

*Mrs. Sumitha UdaiKumar*

Mrs. Sumitha UdaiKumar

Signature of Guide

*Dr. Nijaguna G.S*

Dr. Nijaguna G.S

Signature of HOD

*Dr. B Venkata Narayana*

Dr. B Venkata Narayana

Signature of Principal

#### EXTERNAL EXAMINER

1. *23/15/23*

2. *23/10/23*

Signature with date:

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI-590018



INTERNSHIP REPORT (18CSI85)

ON

**"PHARMACY MANAGEMENT SYSTEM"**

Submitted to the Visvesvaraya University, Belagavi

In partial fulfilment of the requirements for the award of the degree of

**BACHELOR OF ENGINEERING**

IN

**INFORMATION SCIENCE AND ENGINEERING**

Submitted by

HUMNABAD JASHMITHA

(15P19IS010)

Conducted at

**VARCONS TECHNOLOGIES PVT LTD**



**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**

BENGALURU-560049

2022-2023

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU

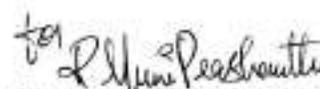
(Affiliated to Visvesvaraya Technological University, Belagavi)



## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

Certified that the internship entitled "PHARMACY MANAGEMENT SYSTEM" carried out by **HUMNABAD JASHMITHA (ISP19IS010)**, bonafide student of S.E.A College Of Engineering & Technology, in partial fulfilment for the award of **Bachelor of Engineering** in Information Science and Engineering Department of the Visvesvaraya Technological University, Belgavi during the year 2022-2023. 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 internship work prescribed for the said degree.

  
Signature of the Coordinator

Mrs.SUMITHA UDAIKUMAR

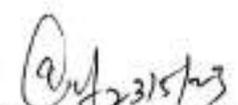
  
Signature of the HOD

Dr. NIJAGUNA G S

  
Signature of the Principal

Dr.B.VENKATA NARAYANA

  
INTERNAL EXAMINER  
29/01/23

  
EXTERNAL EXAMINER

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI - 590018 Karnataka



**INTERNSHIP REPORT**

**ON**

**“Restaurant Management System”**

*Submitted in partial fulfilment for the award of degree(18CSI85)*

**BACHELOR OF ENGINEERING**

**IN**

**INFORMATION SCIENCE**

*Submitted by:*

ADITYA R

(1SP19IS001)

Conducted at

**TECHNOLOGICS GLOBAL PVT LTD**



**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

Keta Nagar, Basavanpura, Virgonagar Post, K.R Puram, Bengaluru, Karnataka 560049

**Department of Information Science & Engineering**

**BENGALURU- 560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanapura, Virpunganur Post, K. R Puram, Bengaluru, Karnataka 560049

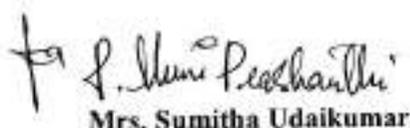


## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify that the Internship titled "Restaurant Management System" carried out by **ADITYA R**, a bonafide student of **S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**, in partial fulfillment for the award of **Bachelor of Engineering**, in **INFORMATION SCIENCE & ENGINEERING** under Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report.

The project report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the course Internship / Professional Practice (18CSI85).

  
Mrs. Sumitha Udaikumar

Signature of Guide

  
Dr. Nijaguna G.S

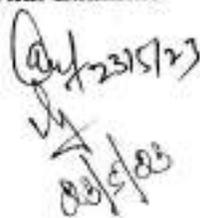
Signature of HOD

  
Dr. B Venkata Narayana

Signature of Principal

External Examiner

- 1.
- 2.

  
23/5/23  
24/5/23

Signature with Date

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELGAUM-590 014**



**INTERNSHIP REPORT  
ON**

**“MUSIC PALYER USING JAVA FULL STACK”**

Submitted in fulfilment of the requirements for the 8<sup>th</sup> semester

**BACHELOR OF ENGINEERING  
IN  
INFORMATION SCIENCE AND ENGINEERING**

Submitted by

**GAJENDRA CHAUDHARY**

**ISP19IS008**

Under the guidance

Of

**Mrs. SUMITHA UDAI KUMAR**

**Asst. Professor**

**Dept of ISE**



**Department of Information Science and Engineering  
S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU 560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka  
560049



## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

Certified that the internship entitled "MUSIC PLAYER USING JAVA FULLSTACK" carried out by **Mr. GAJENDRA CHAUDHARY (ISP19IS008)**, bonafied student of S.E.A College of Engineering & Technology, in partial fulfillment for the award of **Bachelor of Engineering** in Information science and Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023 is certified that all corrections/suggestions indicated for internal report have been approved as it satisfies the academic requirements in respect of internship work prescribed for the said degree.

for *S. Sumitha Udai Kumar*  
Signature of Guide

**Prof. Sumitha Udai Kumar**

*Nijaguna G S*  
Signature of HOD

**Dr. Nijaguna G S**

*B Venkata Narayan*  
Signature of Principal

**Dr. B Venkata Narayan**

EXTERNAL EXAMINER

Signature with Date

1. *[Signature]*
2. *[Signature]*

**Visvesvaraya Technological University**

**Belgaum, Karnataka-590 014**



An internship report on

**"ONLINE FOOD ORDERING SYSTEM"**

Submitted in the partial fulfilment of the requirements for the 8<sup>th</sup> semester

**BACHLOR OF ENGINEERING**

**IN**

**INFORMATION SCIENCE AND ENGINEERING**

By

**SHASHIKANT HOGGAR (18PPE2025)**

Under the guidance

Of

**Mrs. SUMITHA UDAI KUMAR**

Asst. Professor

Department of ISE



Department of Information Science and Engineering

**S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY,**

**BANGLORE – 560049**

**2022-2023**

**S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY  
BENGALURU**

(Affiliated to Visvesvaraya Technological University, Belagavi)



**DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**

**CERTIFICATE**

Certified that the internship entitled "ONLINE FOOD ORDERING SYSTEM" carried out by **SHASHIKANT HOOGAR (1SP19IS026)**, bonafied student of S.E.A College Of Engineering & Technology, in partial fulfilment for the award of **Bachelor of Engineering** in Information Science and Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2023- 2024. 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 internship work prescribed for the said degree.

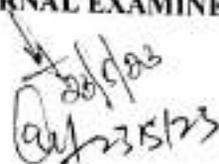
Signature of the Guide  
Prof. Sumitha Udai Kumar

  
Signature of the H.O.D  
DR. Nijaguna GS

  
Signature of the Principal  
Dr. B Venkata Naryan

**INTERNAL EXAMINER**

- 1.
- 2.

  
20/9/23  
23/5/23

**EXTERNAL EXAMINER**

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", MACHHE, BELAGAVI-590018



Internship Report on

## **"ONLINE BANK MANAGEMENT SYSTEM"**

Submitted in partial fulfillment of the requirements for the VIII semester

**Bachelor of Engineering**

in

**Information Science and Engineering**

of

Visvesvaraya Technological University, Belagavi.

by

**VIVEKA S C**  
**(ISP19IS035)**

Under the Guidance of

**Mrs. SUMITHA UDAIKUMAR**

Assistant Professor Dept. of ISE



**Department of Information Science and Engineering**  
**SEA COLLEGE OF ENGINEERING AND TECHNOLOGY,**

**BANGALORE- 560 036**

**2022-2023**

# SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

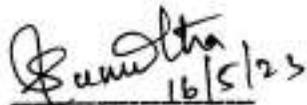
K.R. Puram, Bangalore-560 036



DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

## CERTIFICATE

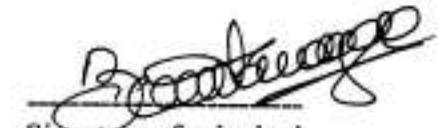
Certified that Mr. VIVEKA S C bearing USN ISP19IS035, a bonafide student of SEA College of Engineering and Technology, has successfully completed technical seminar entitled "ONLINE BANK MANAGEMENT SYSTEM" in partial fulfillment of the requirements for VIII semester Bachelor of Engineering in Information Science and Engineering of Visvesvaraya Technological University, Belagavi during academic year 2022-2023. It is certified that all Corrections/Suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the Bachelor of Engineering degree.

  
16/5/23

Internship Coordinator  
Mrs. Sumitha Udaikumar

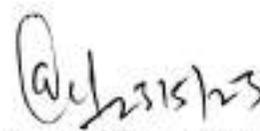


Signature of HOD  
Dr. Nijaguna G S



Signature of principal  
Dr. Venkata Narayan

  
16/5/23  
Signature of the Internal Examiner

  
16/5/23  
Signature of External Examiner

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI**



An INTERNSHIP REPORT ON

**"GYM WEBSITE"**

Submitted In partial fulfilment of the requirements for the 8<sup>th</sup> semester

**BACHLOR OF ENGINEERING**

IN

**INFORMATION SCIENCE AND ENGINEERING**

by

**BIBEK REGMI**

**(1SP19IS034)**

Under the guidance

of

**Mrs. SUMITHA UDAIKUMAR**

**Asst. Professor**

**Dept. of ISE**



**Department of Information Science and Engineering**

**S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY,**

**BANGLORE – 49**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY

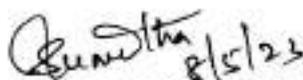
Ekta Nagar, Basavanpura, Virgonagar Post, K.R Puram, Bengaluru, Karnataka 560059



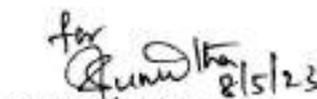
## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

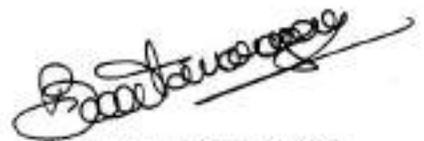
Certified that the internship entitled "GYM WEBSITE " carried out by **BIBEK REGMI (ISP19IS034)**, bonafied student of S.E.A College Of Engineering & Technology, in partial fulfilment for the award of **Bachelor of Engineering** in Information Science and Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2023-2024. is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The internship report has been approved as it satisfies the academic requirements in respect of internship work prescribed for the said degree.

  
8/5/23  
Signature of the Guide

Prof. Sumitha Udai kumar

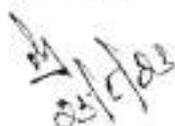
for  
  
8/5/23  
Signature of the H.O.D

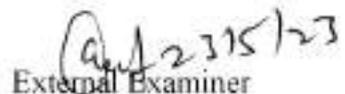
DR. Nijaguna

  
Signature of the Principal

Dr. B Venkata Narayan

Internal Examiner

  
03/5/23

  
23/5/23  
External Examiner

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-590018



Internship Report on

## **"PASSWORD GENERATION"**

Submitted in partial fulfillment of the requirements for the VIII semester

**Bachelor of Engineering**

in

**Information Science and Engineering**

of

Visvesvaraya Technological University, Belagavi.

by

**SOMESHEKAR M ANCHATAGERI**  
**(1SP18IS010)**

Under the Guidance of

**Mrs. SUMITHA UDAIKUMAR**

Assistant Professor Dept. of ISE



**Department of Information Science and Engineering**  
**SEA COLLEGE OF ENGINEERING AND TECHNOLOGY,**  
**BANGALORE- 560 036**

**2022-2023**

# SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

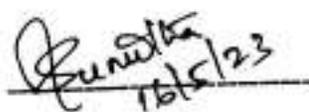
K.R. Puram, Bangalore-560 036



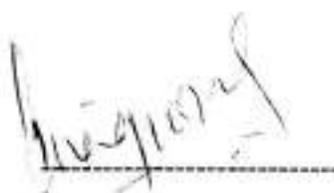
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

## CERTIFICATE

Certified that **Mr. SOMESHEKAR M ANCHATAGERI** bearing USN **ISP18IS010**, a bonafide student of **SEA College of Engineering and Technology**, has successfully completed technical seminar entitled **"PASSWORD GENERATOR"** in partial fulfillment of the requirements for VIII semester **Bachelor of Engineering in Information Science and Engineering** of **Visvesvaraya Technological University, Belagavi** during academic year 2022-2023. It is certified that all Corrections/Suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the Bachelor of Engineering degree.

  
16/5/23

Internship Coordinator



Signature of HOD

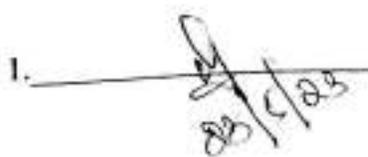


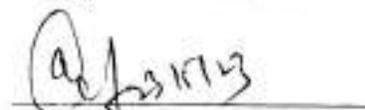
Signature of principal

External Viva

Name of the Examiner

Signature with Date

1.   
23/5/23

  
23/5/23

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", MACHHE, BELAGAVI-590018



Internship Report on  
**"QUIZ APPLICATION"**

Submitted in partial fulfillment of the requirements for the VIII semester  
**Bachelor of Engineering**

in

**Information Science and Engineering**

of

Visvesvaraya Technological University, Belagavi.

by

**VARUN G**  
**(ISP19IS032)**

Under the Guidance of  
**Mrs. SUMITHA UDAIKUMAR**  
Assistant Professor Dept. of ISE



**Department of Information Science and Engineering**  
**SEA COLLEGE OF ENGINEERING AND TECHNOLOGY,**  
**BANGALORE- 560 036**

**2022-2023**

# SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

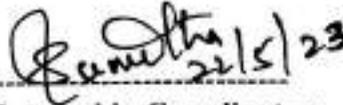
K.R. Puram, Bangalore-560 036

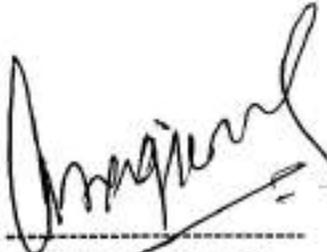


DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

## CERTIFICATE

Certified that **Mr. VARUN G** bearing USN **ISP19IS032**, a bonafide student of **SEA College of Engineering and Technology**, has successfully completed technical seminar entitled **“QUIZ APPLICATION”** in partial fulfillment of the requirements for VIII semester **Bachelor of Engineering in Information Science and Engineering** of **Visvesvaraya Technological University, Belagavi** during academic year 2022-2023. It is certified that all Corrections/Suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the Bachelor of Engineering degree.

  
22/5/23  
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Internship Coordinator

  
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Signature of HOD

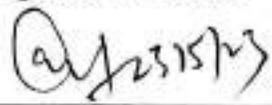
  
-----  
Signature of principal

External Viva

Name of the Examiner

Signature with Date

1.   
23/5/23

  
23/5/23

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**



**BELAGAVI – 590018, Karnataka**

**INTERNSHIP REPORT**

**ON**

**“Flight Management System”**

*Submitted in partial fulfilment for the award of degree(18CSI85)*

**BACHELOR OF ENGINEERING**

**IN**

**INFORMATION SCIENCE**

*Submitted by:*

**YUVASHREE G**

**ISP19IS033**

Conducted at

**TECHNOLOGICS GLOBAL PVT LTD**



**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**Department of Information Science & Engineering**

**BENGALURU– 560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R Puram, Bengaluru, Karnataka 560049

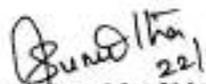


## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify that the Internship titled "Flight management System" carried out by Ms. **YUVASHREE G**, a bonafide student of **S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**, in partial fulfillment for the award of **Bachelor of Engineering**, in **INFORMATION SCIENCE & ENGINEERING** under Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report.

The project report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the course Internship / Professional Practice (18CSI85)

  
22/5/23  
Mrs. Sumitha UdaiKumar

Signature of Guide

  
Dr. Nijaguna

Signature of HOD

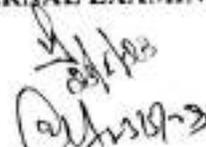
  
Dr. B Venkata Narayana

Signature of Principal

EXTERNAL EXAMINER

1.

2.

  
22/5/23  
22/5/23

Signature with date :

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI – 590018, Karnataka



Internship Report

On

**“Template for Online Yoga training Center”**

*Submitted in partial fulfilment for the award of degree*

*Of*

**BACHELOR OF ENGINEERING**

**IN**

**INFORMATION SCIENCE & ENGINEERING**

*Submitted by:*

**Chalana Shree C J**

**ISP19IS006**

Conducted at

**VARCONS TECHNOLOGY PVT LTD**



**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**Department of Information Science & Engineering**

**BANGLORE – 560049**

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

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**Department of Information Science & Engineering**

**BANGLORE – 560049**

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



**CERTIFICATE**

This is to certify that the Internship titled “**Template for Online Yoga training Center-(For Sale)**” carried out by **Ms. CHALANA SHREE C J**, a bonfire student of **S.E.A College of Engineering and Technology**, in partial fulfilment for the award of **Bachelor of Engineering**, in **INFORMATION SCIENCE & ENGINEERING** under **Visvesvaraya Technological University, Belagavi**, during the year **2022-2023**. It is certified that all **corrections/suggestions** indicated have been incorporated in the report.

The project report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the course Internship / Professional Practice

*R. Shree Reshatha*  
Signature of Guide

*Pragna*  
Signature of HOD

*[Signature]*  
Signature of Principal

**External Viva:**

Name of the Examiner

Signature with Date

- [Signature]*
- N. Gayathri*

*N. Gayathri*  
28/5/23

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



**INTERNSHIP REPORT**

**ON**

**“Banking Management System”**

*Submitted in partial fulfilment for the award of degree(18CSI85)*

**BACHELOR OF ENGINEERING  
IN  
INFORMATION SCIENCE**

*Submitted by:*

**HARDEEEP SINGH BORA**

**ISP19IS009**

Conducted at  
**TECHNOLOGICS GLOBAL PVT LTD**



**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**Department of Information Science & Engineering  
BENGALURU- 560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R Puram, Bengaluru, Karnataka 560059

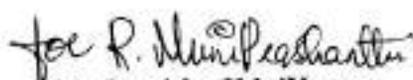


## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify that the Internship titled "**Banking Management System**" carried out by **Mr. HARDEEP SINGH BORA**, a bonafide student of **S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**, in partial fulfillment for the award of **Bachelor of Engineering**, in **INFORMATION SCIENCE & ENGINEERING** under Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report.

The project report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the course Internship / Professional Practice (18CSI85)

  
Mrs. Sumitha UdaiKumar

Signature of Guide

  
Dr. Nijaguna G.S

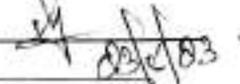
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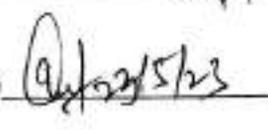
  
Dr. B Venkata Narayana

Signature of Principal

#### External Viva:

Name of the Examiner

1)  23/5/23

2)  23/5/23

Signature with Date

**VISHVESHWARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAVI, KARNATAKA – 590014**



**An Internship Report On  
“JAVA FULL STACK DEVELOPMENT”**

*Submitted in partial fulfilment of the requirements for the award of the degree of*

**BACHELOR OF ENGINEERING**

**in**

**INFORMATION SCIENCE AND ENGINEERING**

**Submitted by**

**AISHWARYA MT  
(ISP19IS002)**

**Under the Guidance**

**of**

**Mrs. SUMITHA UDAIKUMAR**

**Asst. Professor**

**Dept. of ISE**



**Department of Information Science and Engineering  
S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY  
BENGALURU 560049**

**2022 - 2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

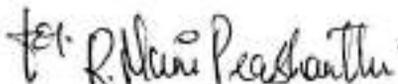
Ekta Nagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka 560049



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify that **AISHWARYA MT** bearing **USN: ISP19IS002**, a bonafied student of **S.E.A College of Engineering and Technology** has undergone **four** weeks of **INTERNSHIP** at **TECHNOLOGICS GLOBAL PVT LTD, Jayanagar**. This Internship report is submitted in partial fulfilment for the award of **Bachelor of Engineering in Information Science and Engineering** of the **Visvesvaraya Technological University, Belagavi** during the academic year **2022 - 2023**.

  
**Prof. SUMITHA UDAIKUMAR**  
Signature of the Guide

  
**Dr. NJAGUNA G S**  
Signature of the HOD

  
**Dr. B. VENKATA NARAYAN**  
Signature of the Principal

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**



**BELAGAVI – 590018, Karnataka**

**INTERNSHIP REPORT**

**ON**

**“Airline Reservation System”**

*Submitted in partial fulfilment for the award of degree(18CSI85)*

**BACHELOR OF ENGINEERING**

**IN**

**INFORMATION SCIENCE**

*Submitted by:*

**AJAY DANASEKARAN**

**ISP19IS003**

Conducted at

**TECHNOLOGICS GLOBAL PVT LTD**



**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**Department of Information Science & Engineering**

**BENGALURU – 560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ikta Nagar, Basavanpura, Virgoanagar Post, K.R Puram, Bengaluru, Karnataka 560049



## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify that the Internship titled "Airline Reservation System" carried out by Mr. AJAY DANASEKARAN, a bonafide student of S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY, in partial fulfillment for the award of **Bachelor of Engineering**, in **INFORMATION SCIENCE & ENGINEERING** under Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report.

The project report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the course Internship / Professional Practice (18CSI85)



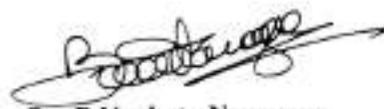
Mrs. Sumitha UdaiKumar

Signature of Guide



Dr. Nijaguna

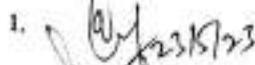
Signature of HOD



Dr. B Venkata Narayana

Signature of Principal

#### EXTERNAL EXAMINER

- 
- 

Signature with date :

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI-590018



INTERNSHIP REPORT

ON

**“ATTENDANCE MANAGEMENT SYSTEM USING JAVA”**

Submitted to the Visvesvaraya University, Belagavi

In partial fulfilment of the requirements for the award of the degree of

**BACHELOR OF ENGINEERING IN  
INFORMATION SCIENCE AND ENGINEERING**

Submitted by

ANIL LAMIA

(ISP19IS005)

UNDER THE GUIDANCE OF

Mrs.SUMITHA UDAIKUMAR

Professor, Department of ISE



**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**

**BENGALURU-560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY BENGALURU

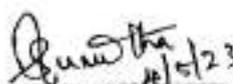
(Affiliated to Visvesvaraya Technological University, Belagavi)

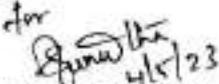


DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

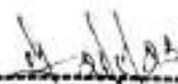
## CERTIFICATE

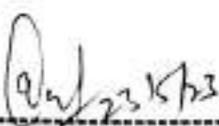
Certified that the internship entitled “ATTENDANCE MANAGEMENT SYSTEM USING JAVA” carried out by ANIL LAMA(ISP19IS005), bonafied student of S.E.A College Of Engineering & Technology, in partial fulfillment for the award of **Bachelor of Engineering** in Information Science and Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2022- 2023 is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The internship report has been approved as it satisfies the academic requirements in respect of internship work prescribed for the said degree..

  
-----  
Signature of the Guide  
**Prof. Sumitha Udaikumar**

<sup>for</sup>  
  
-----  
Signature of the HOD  
**Dr. Nijaguna GS**

  
-----  
Signature of the Principal  
**Dr. B Venkata Narayan**

  
-----  
INTERNAL EXAMINER

  
-----  
EXTERNAL EXAMINER

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Internship report on

**“EMPLOYEE RECORD TRACKER”**

Submitted in partial fulfilment of the requirements for the 8<sup>th</sup> semester

**BACHELOR OF ENGINEERING**

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

**SACHIN KUMAR BHARTI**

**ISP19IS021**

Under the guidance

Of

**Mrs. SUMITHA UDAI KUMAR**

**Asst. Professor**

**Dept. of ISE**



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the internship work entitled "EMPLOYEE RECORD TRACKER" has been successfully carried out by **Mr. Sachin Kumar Bharti (ISP19IS021)**, of VIII sem in partial fulfilment for the award of **Bachelor of Engineering in Information Science and Engineering** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The internship report has been approved as it satisfied the academic requirement in respect of the internship work prescribed for Bachelor of Engineering.

  
Signature of Guide

Mrs. Sumitha Udai Kumar

  
Signature of HOD

Dr. Nijaguna G S

  
Signature of Principal

Dr. B Venkata Narayan

Signature of Internal Examiner

  
22/1/23

  
Signature of External Examiner

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Internship report on

**“Ecommerce Web Application using  
Django”**

Submitted in partial fulfilment of the requirements for the 8<sup>th</sup> semester

**BACHELOR OF ENGINEERING**

**IN**

**INFORMATION SCIENCE AND ENGINEERING**

By

**SANJANA SAMIKSHA NH**

**1SP19IS023**

Under the guidance

Of

**Mrs. SUMITHA UDAI KUMAR**

**Asst. Professor**

**Dept. of ISE**



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgothgar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the internship work entitled "Ecommerce Web Application using Django" has been successfully carried out by Sanjana Samiksha NH (ISP19IS023), of VIII sem in partial fulfilment for the award of Bachelor of Engineering in Information Science and Engineering of the Visvesvaraya Technological University, Belgaum during the year 2023. The internship report has been approved as it satisfied the academic requirement in respect of the internship work prescribed for Bachelor of Engineering.

  
Signature of Guide

Mrs. Sumitha Udai Kumar

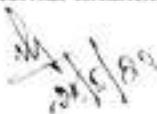
  
Signature of HOD

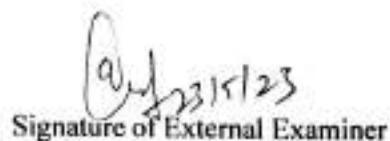
Dr. Nijaguna G S

  
Signature of Principal

Dr. B Venkata Narayan

Signature of Internal Examiner

  
22/11/23

  
Signature of External Examiner

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**



**BELAGAVI – 590018, Karnataka**

**INTERNSHIP REPORT**

**ON**

**“Online yoga training center”**

*Submitted in partial fulfilment for the award of degree(18CSI85)*

**BACHELOR OF ENGINEERING  
IN  
INFORMATION SCIENCE**

*Submitted by:*

**RAGHU**

**ISP19IS018**

Conducted at

**VARCONS TECHNOLOGIES PVT LTD**



**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**Department of Information Science & Engineering  
BENGALURU– 560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R Puram, Bengaluru, Karnataka 560059

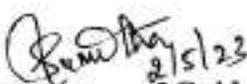


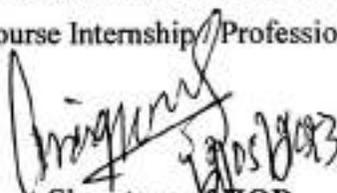
## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

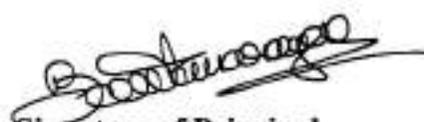
### CERTIFICATE

This is to certify that the Internship titled "Online Yoga training Center carried out by Mr. RAGHU, a bonafide student of S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY, in partial fulfillment for the award of Bachelor of Engineering, in INFORMATION SCIENCE & ENGINEERING under Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report.

The project report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the course Internship/Professional Practice (18CSI85)

  
Signature of Guide

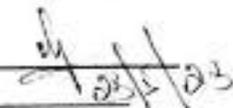
  
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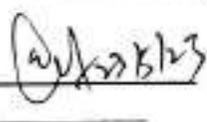
  
Signature of Principal

#### External Viva:

Name of the Examiner

Signature with Date

1)   
\_\_\_\_\_

2)   
\_\_\_\_\_

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**Belagavi, Karnataka-590014**



An Internship report on  
**"DETECTING FAKE NEWS WITH PYTHON AND MACHINE  
LEARNING"**

Submitted In partial fulfillment of the requirements for the award of the degree

of

**Bachelor of Engineering**

in

**Information Science and Engineering**

Submitted by

**ROOPA G P**

**(1SP19IS020)**

**Under the Guidance Of**

**Mrs.SUMITHA UDAIKUMAR**

Assistant Professor Dept. of ISE



**Department of Information Science and Engineering**

**S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY,  
BANGALORE – 49**

**2022 - 23**

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY,  
BENGALURU - 560049**

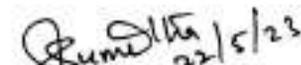
**(Affiliated to Visvesvaraya Technological University, Belagavi)**



**Department of Information Science and Engineering**

**CERTIFICATE**

Certified that the internship work entitled "**Detecting Fake News With Python And Machine Learning**" carried out by **ROOPA G P (ISP19IS020)**, we bonafide student of S.E.A. College of Engineering & Technology, in partial fulfillment of **Bachelor of Engineering** in Information Science and Engineering department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of internship work prescribed for the said degree.

  
Signature of Coordinator

**Mrs. SUMITHA UDAI KUMAR**

  
Signature of HOD

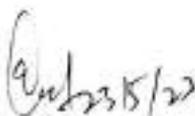
**Dr. NIJAGUNA G S**

  
Signature of the principal

**Dr. B VENKATA NARAYANA**

Signature of Internal Examiner

  
22/5/23

  
Signature of External Examiner

# **VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

"JNANA SANGAMA", BELAGAVI-590018



Internship Report on

## **“CURRENCY CONVERTER”**

Submitted in partial fulfillment of the requirements for the VIII semester

**Bachelor of Engineering**

in

**Information Science and Engineering**

of

Visvesvaraya Technological University, Belagavi.

by

**NAVEEN M  
(ISP19IS014)**

**Under the Guidance of**

**Mrs. SUMITHA UDAIKUMAR**

Assistant Professor Dept. of ISE



**Department of Information Science and Engineering  
SEA COLLEGE OF ENGINEERING AND TECHNOLOGY,  
BANGALORE- 560 036**

**2022-2023**

# SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

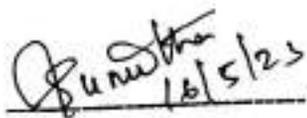
K.R. Puram, Bangalore-560 036



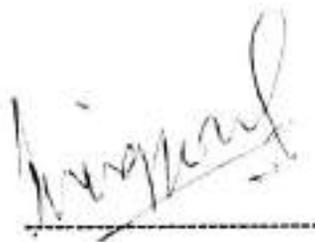
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

## CERTIFICATE

Certified that **Mr. NAVEEN M** bearing USN **ISP19IS014**, a bonafide student of **SEA College of Engineering and Technology**, has successfully completed technical seminar entitled "**CURRENCY CONVERTER**" in partial fulfillment of the requirements for VIII semester **Bachelor of Engineering in Information Science and Engineering** of **Visvesvaraya Technological University, Belagavi** during academic year 2022-2023. It is certified that all Corrections/Suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the Bachelor of Engineering degree.

  
16/5/23

Internship Coordinator



Signature of HOD

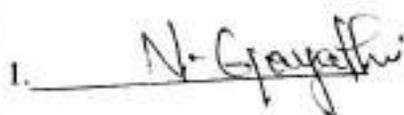


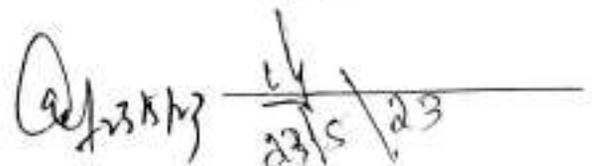
Signature of principal

External Viva

Name of the Examiner

Signature with Date

1. 

  
23/5/23

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Internship Report on

"E-COMMERCE WEBSITE DESIGN"

Submitted in partial fulfilment of the requirements for the 8<sup>th</sup> semester

**BACHLOR OF ENGINEERING**

**IN**

**INFORMATION SCIENCE AND ENGINEERING**

By

**PRATIK JUNG SHAH**

**ISP19IS016**

Under the guidance

Of

**Mrs. SUMITHA UDAI KUMAR**

**Asst. Professor**

**Dept. of ISE**



**Department of Information Science and Engineering**

**S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY,**

**BANGALURU -560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

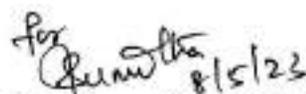
### CERTIFICATE

Certified that the internship entitled "E-COMMERCE WEBSITE OF SHOES" carried out by **Mr. Pratik Jung Shah(ISP19IS016)**, bonafied student of S.E.A College Of Engineering & Technology, in partial fulfilment for the award of **Bachelor of Engineering** in Information Science and Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023.is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The internship report has been approved as it satisfies the academic requirements in respect of internship work prescribed for the said degree..

  
8/5/23

Signature of the Guide

**Mrs. Sumitha Udai Kumar**

for  
  
8/5/23

Signature of the H.O.D

**Dr. Nijaguna G S**



Signature of the Principal

**Dr .B Venkata Narayan**

Signature of Internal Examiner



  
23/5/23

Signature of External Examiner

**Visvesvaraya Technological University**

**Belgaum, Karnataka-590 014**



An internship report on

**“ONLINE FOOD ORDERING SYSTEM”**

Submitted in the partial fulfilment of the requirements for the 8<sup>th</sup> semester

**BACHLOR OF ENGINEERING**

**IN**

**INFORMATION SCIENCE AND ENGINEERING**

**By**

**SANJAY POKHAREL (ISP19IS024)**

**Under the guidance**

**Of**

**Mrs. SUMITHA UDAI KUMAR**

**Asst. Professor**

**Department of ISE**



**Department of Information Science and Engineering**

**S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY,**

**BANGLORE – 560049**

**2022-2023**

**S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY  
BENGALURU**

(Affiliated to Visvesvaraya Technological University, Belagavi)



**DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING**

**CERTIFICATE**

Certified that the internship entitled **"ONLINE FOOD ORDERING SYSTEM"** carried out by **SANJAY POKHAREL (ISP19IS024)**, bonafied student of S.E.A College Of Engineering & Technology, in partial fulfilment for the award of **Bachelor of Engineering** in Information Science and Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2023- 2024. is certified that all corrections/suggestions indicated for internal report 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 internship work prescribed for the said degree..

for

*R. N. Venkatesh*  
Signature of the Guide

Prof. Sumitha Udai Kumar

*Dr. Nijaguna GS*  
Signature of the H.O.D

DR. Nijaguna GS

*Dr. B Venkata Naryan*  
Signature of the Principal

Dr. B Venkata Naryan

**INTERNAL EXAMINER**

- 1.
- 2.

*22/1/23*

*23/1/23*  
**EXTERNAL EXAMINER**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAUM, KARNATAKA-590014**



**INTERNSHIP REPORT**

**ON**

**“NODOWRY.COM”**

Submitted in fulfilment of the requirements for the 8<sup>th</sup> semester (18CS185)

**BACHELOR OF ENGINEERING**

**IN**

**INFORMATION SCIENCE AND ENGINEERING**

**By**

**SHWETA S JADHAV**

**1SP19IS028**

Conducted by

**Inventus business Solutions Pvt Ltd.**



**Department of Information Science and Engineering**

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**2022-2023**

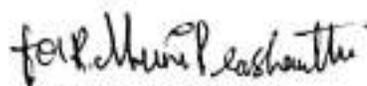


DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

**CERTIFICATE**

This is to certify that the Internship titled "**Nodowry. com**" carried out by **Ms. SHWETA S JADHAV** a bonafide student of **S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**, in partial fulfillment for the award of **Bachelor of Engineering**, in **INFORMATION SCIENCE & ENGINEERING** under Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report.

The project report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the course Internship / Professional Practice (18CSI85).

  
Signature of Guide

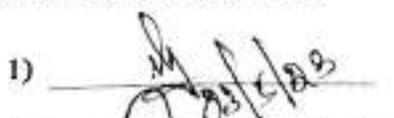
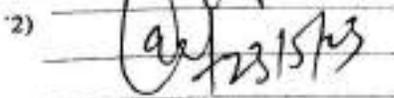
  
Signature of HOD

  
Signature of Principal

**External Viva:**

Name of the Examiner

Signature with Date

- 1) 
- 2) 

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**BELAGAVI – 590018**



**INTERNSHIP REPORT**

**ON**

**“Online yoga training center”**

*Submitted in partial fulfilment for the award of degree(18CSI85)*

**BACHELOR OF ENGINEERING  
IN  
INFORMATION SCIENCE**

*Submitted by:*

**SHAIK IRFAN**

**ISP19IS025**

Conducted at  
**VARCONS TECHNOLOGIES PVT LTD**



**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**Department of Information Science & Engineering  
BENGALURU – 560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R Puram, Bengaluru, Karnataka 560059

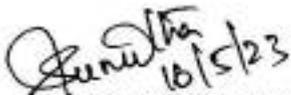


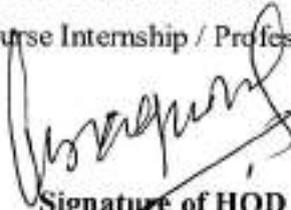
## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify that the Internship titled "Online Yoga training Center" carried out by **Mr. SHAIK IRFAN (ISP19IS025)**, a bonafide student of **S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**, in partial fulfillment for the award of **Bachelor of Engineering**, in **INFORMATION SCIENCE & ENGINEERING** under Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report.

The project report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the course Internship / Professional Practice (18CSI85)

  
Signature of Guide

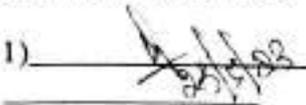
  
Signature of HOD

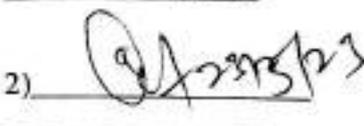
  
Signature of Principal

#### External Viva:

Name of the Examiner

Signature with Date

1) 

2) 

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAVI-560010**



A DBMS MINI PROJECT REPORT ON

**“ONLINE JOB PORTAL”**

Submitted in partial fulfillment of the requirements for the 5<sup>th</sup> semester DBMS lab

**BACHELOR OF ENGINEERING IN  
INFORMATION SCIENCE AND ENGINEERING**

by

**ADITHI JAGADEESH**

**(1SP20IS001)**

Under the guidance Of

**Mr.SURENDRANATHA GOWDA**

Assistant Professor

Dept. of CSE



Department of Computer Science and Engineering

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanapura, (K.R.Puram), Bangalore, Karnataka 560059

(Affiliated to Visvesvaraya Technological University, Belagavi)



## Department of information Science and Engineering

### CERTIFICATE

This is to certify the project work entitled "ONLINE JOB PORTAL" has been successfully carried out by **Ms. ADITHI JAGADEESH**, bearing USN ISP20IS001, of 5<sup>th</sup> sem in partial fulfilment for the award of **Bachelor of Engineering in Information science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2023. The project report has been approved as it satisfied the academic requirements in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

Signature of HOD

Mr.SURENDRANATHA GOWDA

Dr.NIJAGUNA G.S

Signature of Internal Examiner

Signature of External Examiner

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



A Mini project report on

**“ONLINE BUS RESERVATION MANAGEMENT SYSTEM”**

Submitted in partial fulfilment of the requirements for the 5<sup>th</sup> semester DBMS lab

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

By

**BASAVARAJ RAJUR**

**(1SP20IS002)**

Under the guidance

Of

Mr. Surendranatha

Gowda

Assistant

Professor Dept. of CSE



Department of Information Science and Engineering

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

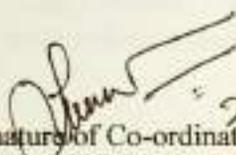
**2022-23**



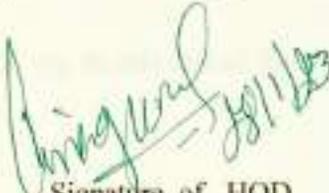
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

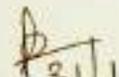
This is to certify the project work entitled "**ONLINE BUS RESERVATION MANAGEMENT SYSTEM**" has been successfully carried out by Mr.BASAVARAJ RAJUR, bearing USN **1SP20IS002**, of Vth sem in partial fulfilment for the award of **Bachelor of Engineering in Information Science and Technology** of the Visvesvaraya Technological University, Belagavi during the year 2022-23. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

Mr. SURENDRANATHA GOWDA

  
Signature of HOD

Dr.NIJAGUNA G S

  
Signature of Internal Examiner  
Examiner

  
Signature of External

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Mini Project report on

**“SCHOOL FEES PAYMENT MANAGEMENT”**

Submitted in partial fulfilment of the requirements for the 5<sup>th</sup> semester DBMS lab

**BACHELOR OF ENGINEERING IN  
INFORMATION SCIENCE AND ENGINEERING**

By

**“BRIJ BHUSHAN KUMAR”**

**(1SP20IS003)**

Under the guidance Of

**Mr. SURENDRANATHA GOWDA**

Assistant Professor  
Dept. of CSE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU - 560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY



Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560049

## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "SCHOOL FEES PAYMENT MANAGEMENT" has been successfully carried out by Mr BRIJ BHUSHAN KUMAR, bearing USN 1SP20IS003, of V sem in partial fulfilment for the award of Bachelor of Engineering in Information Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2023. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

Mr. SURENDRANATHA GOWDA

Signature of HOD

Dr. NIJAGUNA G S

Signature of Internal Examiner

Signature of External Examiner

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**Jnana Sangama, Belagavi – 590014.**



A DBMS Mini Project report on

**“ HOSTEL MANAGEMENT SYSTEM”**

Submitted in partial fulfilment of the requirement for the 5<sup>th</sup> semester DBMS Lab

**BACHELOR OF ENGINEERING**

IN

**INFORMATION SCIENCE AND ENGINEERING**

BY

**DARSHAN M**

**(ISP20IS004)**

Under the guidance

OF

**MR. SURENDRANATHA GOWDA**

Assistant Professor

Dept.of CSE



Department of Information Science and Engineering

**S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049,2021-2022**

# S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY

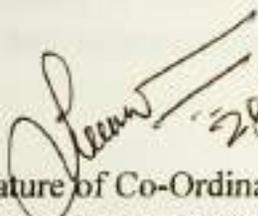
EktaNagar,Basavanpura, Virgonagar Post,K.R.Puram,Bangaluru,Karnataka 560059



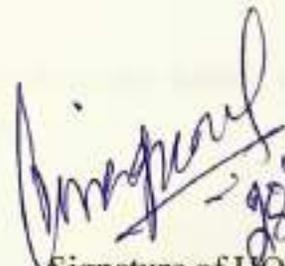
## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

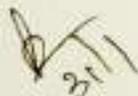
This is to certify the project work entitled "HOSTEL MANAGEMENT SYSTEM" has been successfully carried out by **Mr. DARSHAN M**, bearing USN **ISP20IS004**, of 5<sup>th</sup> sem in partial fulfilment for the award of **BACHELOR OF ENGINEERING IN INFORMATION SCIENCE AND TECHNOLOGY** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the year **2022-2023**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
28/1/23

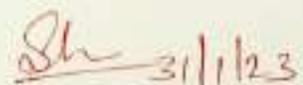
Signature of Co-Ordinator  
**SURENDRANATHA GOWDA**

  
28/1/2023

Signature of HOD **MR.**  
**DR.N.JAGUNA G.S**

  
31/1/23

Signature of Internal Examiner

  
31/1/23

Signature of External Examiner

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Mini Project report on

**“STUDENT RESULT MANAGEMENT SYSTEM”**

Submitted in partial fulfillment of the requirements for the 5<sup>th</sup> semester DBMS lab

**BACHELOR OF ENGINEERING IN**

**INFORMATION SCIENCE AND ENGINEERING**

By

**NISHITHA SHETTY**  
**(1SP20IS005)**

Under the guidance  
Of

**Prof. SURENDRANATH GOWDA**  
**Assistant Professor**  
**Dept. of ISE**



Department of information science and engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "STUDENT RESULT MANAGEMENT SYSTEM" has been successfully carried out by Ms. NISHITHA SHETTY H V, bearing USN ISP20IS005, of V sem in partial fulfillment for the award of Bachelor of Engineering in Information Science and Technology of the Visvesvaraya Technological University, Belgaum during the year 2023. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

Prof. SURENDRANATH GOWDA

Signature of HOD

Dr. NIJAGUNA G S

Signature of Internal Examiner

Signature of External Examiner

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Mini project report on

**“BLOOD BANK AND DONOR MANAGEMENT SYSTEM”**

Submitted in partial fulfilment of the requirements for the 5<sup>th</sup> semester DBMS lab

**BACHELOR OF ENGINEERING**

**IN**

**INFORMATION SCIENCE AND ENGINEERING**

By

**K A NABEELA FATHIMA**

**(ISP20IS006)**

Under the guidance

OF

**Mr. SURENDRANATHA GOWDA**

Assistant professor

Dept. of CSE



**Department of Computer Science and Engineering**

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

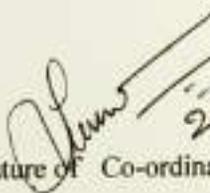
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059

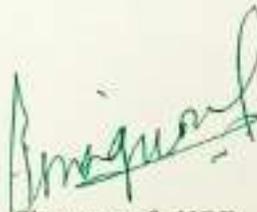


## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "BLOODBANK AND DONOR MANAGEMENT SYSTEM" has been successfully carried out by Ms. K A Nabeela Fathima, bearing USN ISP20IS006, of V sem in partial fulfilment for the award of *Bachelor of Engineering in Information Science and Technology* of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
28/1/23  
Signature of Co-ordinator  
Mrs. SURENDRANATHA GOWDA

  
Signature of HOD  
Dr. NIJAGUNA 43

  
31/1  
Signature of Internal Examiner

  
31/1/23  
Signature of External Examiner

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



Mini Project report on

**"ONLINE DJ MANAGEMENT SYSTEM"**

Submitted in partial fulfillment of the requirements for the 5<sup>th</sup> semester DBMS lab

**BACHELOR OF ENGINEERING IN  
INFORMATION SCIENCE AND ENGINEERING**

By

**K DIGANTH HEGDE  
(ISP20IS007)**

Under the guidance Of

**MR.SURENDERNATH GOWDA  
Asst.Professor Dept. of CSE**



Department of Information Science And Engineering Department

**S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560049



## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "ONLINE DJ MANAGEMENT SYSTEM" has been successfully carried out by **Mr DIGANTH HEGDE**, bearing USN 1SP20IS007, of V semester in partial fulfillment for the award of **Bachelor of Engineering in Information Science And Engineering** of the **Visvesvaraya Technological University, Belgaum** during the year **2022-23**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**PROF.SURENDERNATH GOWDA**

Signature of HOD

**DR.NIJAGUNA G S**

Signature of Internal Examiner

Signature of External Examiner

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



DBMS Mini Project report on

**“AGROCULTURE MANAGEMENT SYSTEM”**

Submitted in partial fulfilment of the requirements for the 5<sup>th</sup> semester DBMS lab

**BACHELOR OF ENGINEERING IN**

**INFORMATION SCIENCE AND ENGINEERING**

By

**KEERTHLS**  
**(ISP20IS008)**

Under the guidance OF

**PROF.SURENDRANATHA GOWDA**



Department of Information Science and Engineering

**S.E.A.COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049 2022-2023**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**  
**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**  
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



**DEPARTMENT OF INFORMATION SCIENCE AND  
ENGINEERING**

**CERTIFICATE**

This is to certify the project work entitled "AGROCULTURE MANAGEMENT SYSTEM" has been successfully carried out by KEERTHLS , bearing USN 1SP20IS008, of V sem in partial fulfilment for the award of **Bachelor of Engineering in Information Science and Technology** of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**PROF.SURENDRANATHA GOWDA**

Signature of HOD

**Dr.NIJAGUNA G S**

**PROF & HOD  
DEPT OF ISE,SEACET**

Signature of Internal Examiner

Signature of External Examiner

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Mini Project report on

**“ONLINE SHOPPING MANAGEMENT SYSTEM”**

Submitted in partial fulfilment of the requirements for the 5<sup>th</sup> semester DBMS lab

**BACHELOR OF ENGINEERING IN**

**COMPUTER SCIENCE AND ENGINEERING**

By

**SUDIPTA SARKER**  
**(ISP19IS029)**

Under the guidance Of

**Mrs. Surendranatha gowda**  
**Assistant Professor**  
**Dept. of ISE**



**Department of Computer Science and Engineering**

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**BENGALURU-560049 2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "ONLINE SHOPPING MANAGEMENT SYSTEM" has been successfully carried out by **Mr SUDPITA SARKER**, bearing USN **ISP19IS029**, of V sem in partial fulfilment for the award of **Bachelor of Engineering in Information Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year **2023**. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**Mr. Surendranatha gowda**

Signature of HOD

**Mrs. DR NIJAGUNA** *NS*

Signature of Internal Examiner

Signature of External Examiner

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



A Mini project report on

**“POLICE STATION MANAGEMENT SYSTEM”**

Submitted in partial fulfilment of the requirements for the 6<sup>th</sup> semester File Structure lab  
with Mini Project. (18ISL67)

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

**ADITHI JAGADEESH**

(1SP20IS001)

Under the guidance

Of

**R. MUNI PRASHANTHI**

Assistant Professor

Dept. of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**  
BENGALURU-560049

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "POLICE STATION MANAGEMENT SYSTEM" has been successfully carried out by Ms. ADITHI JAGADEESH, bearing USN ISP20IS001, of VI semester in partial fulfilment for the award of Bachelor of Engineering in Information Science and Engineering of the Visvesvaraya Technological University, Belagavi during the year 2022-23. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*R. Muni Prashanthi*  
Signature of Co-ordinator

Asst Prof R. MUNI PRASHANTHI

*N. Jaguna G S*  
Signature of HOD

Dr. NIJAGUNA G S

*M. Purnashothaman*  
Signature of Internal Examiner  
(Purnashothaman M.)

*M. Mallesha M*  
Signature of External Examiner  
(M. Mallesha M.)

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Mini project report on

**“BUS RESERVATION MANAGEMENT SYSTEM”**

Submitted in partial fulfilment of the requirements for the 6<sup>th</sup> semester  
File Structures lab with Mini Project (18ISL67)

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

**BASAVARAJRAJUR**

(1SP20IS002)

Under the guidance Of

**R. MUNI PRASHANTHI**

Assistant Professor

Dept. of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

BENGALURU-560049

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

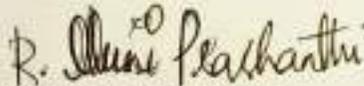
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



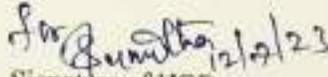
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "BUS RESERVATION MANAGEMENT SYSTEM" has been successfully carried out by **BASAVARAJ RAJUR**, bearing USN **ISP20IS002**, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **Information Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

**Asst Prof R. MUNI PRASHANTHI**

  
Signature of HOD

**Dr. NIJAGUNA G S**

  
Signature of Internal Examiner  
(Purushottaman M)

  
Signature of External Examiner  
(Dr. MALLEKHA M)

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Mini Project report on

**“STUDENT REPORT CARD MANAGEMENT SYSTEM”**

Submitted in partial fulfilment of the requirements for the 6<sup>th</sup> semester File Structure's lab(18ISL67)

**BACHELOR OF ENGINEERING IN  
INFORMATION SCIENCE AND ENGINEERING**

By

**“BRIJ BHUSHAN KUMAR”**

**(1SP20IS003)**

Under the guidance Of

**Asst Prof. R. MUNI PRASHANTHI**

Assistant Professor  
Dept. of ISE



**Department of Information Science and Engineering**

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU - 560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY



Ekta Nagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560049

## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "STUDENT REPORT CARD MANAGEMENT SYSTEM" has been successfully carried out by Mr. BRIJ BHUSHAN KUMAR, bearing USN ISP20IS003, of 6th sem in partial fulfilment for the award of **Bachelor of Engineering in Information Science and Technology** of the **Visvesvaraya Technological University, Belgaum** during the year 2022-23. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*R. Muni Prashanthi*  
Signature of Co-ordinator

Asst Prof R. MUNI PRASHANTHI

*for R. Muni Prashanthi*  
Signature of HoD

Dr. NIJAGUNA G S

*nps*  
Signature of Internal Examiner

(*Purnashakti Mani*)

*Abhinav*  
Signature of External Examiner  
(*Prof. MAHESHA M*)

**VISHVESHWARAYA TECHNOLOGICAL UNIVERSITY  
BELGAVI**



A Mini Project report on

**BILLING SYSTEM MANAGEMENT**

Submitted in partial fulfilment of the requirements for  
**FILE STRUCTURE LABORATORY (18ISL67)**

In

**VI Semester Information Science and Engineering**

By

**DARSHAN M**

**(1SP20IS004)**

**Under the guidance**

**Of**

**Asst Prof. R. MUNI PRASHANTHI**



**Department of Information Science and Engineering  
S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY  
BENGALURU 560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka  
560049



## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "BILLING SYSTEM MANAGEMENT" has been successfully carried out by **Mr. DARSHAN M**, bearing USN 1SP20IS004, of VI semester in partial fulfilment for the award of **Bachelor of Engineering in Information Science and Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2023. The mini project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

Asst Prof. R. MUNI PRASHANTHI

  
Signature of HOD

Dr. NIJAGUNA G S

  
Signature of Internal Examiner

(Prashanthan M)

  
Signature of External Examiner

(Prof. MALLEŠAN M)

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Mini project report on

**“BANK RECORDS MANAGEMENT SYSTEM”**

Submitted in partial fulfillment of the requirements for the 6<sup>th</sup> semester  
File Structures lab with Mini Project (18CSL67)

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

**NISHITHA SHETTY H V**

(1SP20IS005)

Under the guidance

Of

**R. MUNI PRASHANTHI**

Assistant Professor

Dept. of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "BANK RECORDS MANAGEMENT SYSTEM" has been successfully carried out by, NISHITHA SHETTY H V bearing USN 1SP20IS005, of VI sem in partial fulfilment for the award of Bachelor of Engineering in Information Science and Technology of the Visvesvaraya Technological University, Belagavi during the year 2022-23. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

Asst Prof R. MUNI PRASHANTHI

Signature of HOD

Dr. NIJAGUNA G S

Signature of Internal Examiner

(Purushothaman)

Signature of External Examiner

(Mallestha M)

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Mini project report on

**“EMPLOYEE LEAVE MANAGEMENT SYSTEM”**

Submitted in partial fulfilment of the requirements for the 6<sup>th</sup> semester File Structures lab with  
Mini Project (18ISL67)

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

**K A NABEELA FATHIMA**

(1SP20IS006)

Under the guidance

Of

**R. MUNI PRASHANTHI**

Assistant Professor

Dept. of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**BENGALURU-560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



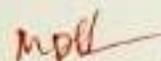
## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

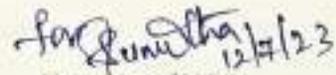
This is to certify the project work entitled "**EMPLOYEE LEAVE MANAGEMENT SYSTEM**" has been successfully carried out by **Ms. K A NABEELA FATHIMA**, bearing USN **ISP20IS006**, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **Information Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

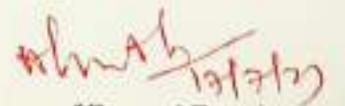
  
Signature of Co-ordinator

**Asst Prof R. MUNI PRASHANTHI**

  
Signature of Internal Examiner

(R. Muni Prashanthi . M)

  
Signature of HOD  
**Dr. NIJAGUNA G S**

  
Signature of External Examiner  
(P. MALLESHA M)

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



A Mini project report on

**“TELECOM BILLING SYSTEM”**

Submitted in partial fulfilment of the requirements for the 6<sup>th</sup> semester  
File Structures lab with Mini Project (18CSL67)

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

**K DIGANTH HEGDE**

(ISP20IS007)

Under the guidance

Of

**R. MUNI PRASHANTHI**

Assistant Professor

Dept. of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

BENGALURU-560049

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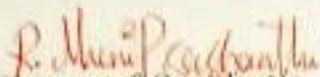
EktaNagar, Basavampura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "TELECOM BILLING SYSTEM" has been successfully carried out by **K DIGANTH HEGDE**, bearing USN **ISP20IS016**, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **Information Science and Technology** of the Visvesvamy Technological University, Belagavi during the year 2022-23. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

Asst Prof R. MUNI PRASHANTHI

  
Signature of HOD 11/7/23

Dr. NJAGUNAG S

  
Signature of Internal Examiner

(R. V. Subrahmanian)

  
Signature of External Examiner  
(Arp. MALLECHA M)

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



A Mini project report on

**“RAILWAY RESERVATION SYSTEM”**

Submitted in partial fulfilment of the requirements for the 6<sup>th</sup> semester File Structure lab  
with Mini Project, (18ISL67)

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

**MOHAMMED AZMATHULLA**

(1SP20IS009)

Under the guidance

Of

**R. MUNI PRASHANTHI**

Assistant Professor

Dept. of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

BENGALURU-560049

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "RAILWAY RESERVATION SYSTEM" has been successfully carried out by **Mr. MOHAMMED AZMATHULLA**, bearing USN **ISP20IS009**, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **Information Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*R. Muni Prashanthi*

Signature of Co-ordinator

**Asst Prof R. MUNI PRASHANTHI**

*Dr. Nijaguna G S*

Signature of HOD

**Dr. NIJAGUNA G S**

*M. S. H. S. Ramanam*

Signature of Internal Examiner

*(M. S. H. S. Ramanam)*

*Prof. M. S. H. S. Ramanam*

Signature of External Examiner

*(Prof. M. S. H. S. Ramanam)*

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



A Mini project report on

**“GYM MANAGEMENT SYSTEM”**

Submitted in partial fulfillment of the requirements for the 6<sup>th</sup> semester  
File Structures lab with Mini Project (18CSL67)

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

**PALLAVI S**

(1SP20IS010)

Under the guidance

Of

**R. MUNI PRASHANTHI**

Assistant Professor

Dept. of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

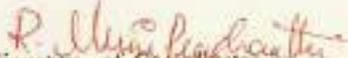
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059

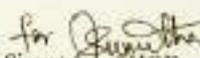


## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "GYM MANAGEMENT SYSTEM" has been successfully carried out by PALLAVI S bearing USN 1SP2018010, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **Information Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

  
Signature of HOD

**Asst Prof R.MUNI PRASHANTHI**

**Dr. NIAGUNA G S**

  
Signature of Internal Examiner

(Purneshthaman.M)

  
Signature of External Examiner  
12/7/23  
(P.G. - MALLIKARJUN)

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA, BELAGAVI – 590 018



A Mini Project Report on

## Voter ID Management System B+Tree Indexing Technique

*Submitted in partial fulfillment of the requirements as a part of the File Structures Lab of*

*VI semester for the award of degree of **Bachelor of Engineering In Information***

**Science and Engineering.** *Visvesvaraya Technological University, Belagavi*

Submitted by

**PAVAN YADAV A**

**ISP20IS011**

**Faculty Coordinator**

**Assistant Professor**

**R Muni Prashanthi**



**Department of Information Science and Engineering**

**SEA College of Engineering and Technology**

Basavanapura Road, Virgonagar , K R Puram Bangalore  
Karnataka-560049



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Mini project report on

**“PRISON MANAGEMENT SYSTEM USING RRN”**

Submitted in partial fulfilment of the requirements for the 6<sup>th</sup> semester File Structure lab  
with Mini Project. (18ISL67)

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

**SAMAR FATHIMA**

(1SP20IS012)

Under the guidance

Of

**R. MUNI PRASHANTHI**

Assistant Professor

Dept. of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "PRISON MANAGEMENT SYSTEM USING RRN" has been successfully carried out by Ms. SAMAR FATHIMA, bearing USN 1SP20IS012, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **Information Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*R. Muni Prashanthi*  
Signature of Co-ordinator

Asst Prof R. MUNI PRASHANTHI

*for Dr. Ni Jaguna G S*  
Signature of HOD

Dr. NIJAGUNA G S

*mpk*  
Signature of Internal Examiner

(Prakashkumar)

*A. Mahesh*  
12/2/23  
Signature of External Examiner  
(Dr. MALLESH M)

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Mini project report on

**“FLIGHT RESERVATION SYSTEM”**

Submitted in partial fulfilment of the requirements for the 6<sup>th</sup> semester File Structures lab with  
Mini Project (18ISL67)

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

**SHABAZ PASHA**

(1SP20IS013)

Under the guidance

Of

**R. MUNI PRASHANTHI**

Assistant Professor

Dept. of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**BENGALURU-560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "FLIGHT RESERVATION SYSTEM" has been successfully carried out by **Mr. SHABAZ PASHA**, bearing USN **1SP20IS013**, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **Information Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-ordinator

**Asst Prof R. MUNI PRASHANTHI**

Signature of HOD

**Dr. NIJAGUNA G S**

Signature of Internal Examiner  
(Purneshottaman m)

Signature of External Examiner  
(Prof. Mallikarjun m)

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA, BELAGAVI – 590 018



A Mini Project Report on

## BUCKET LIST

*Submitted in partial fulfillment of the requirements as a part of the File Structures Lab of*

*VI semester for the award of degree of **Bachelor of Engineering in Information***

**Science and Engineering.** *Visvesvaraya Technological University, Belagavi*

**Submitted by**

TRIBUVAN N

(1SP20IS014)

**Faculty Coordinator**

**Assistant Professor**

**R Muni Prashanthi**

**Dept. Of ISE**



**Department of Information Science and Engineering**

**SEA College of Engineering and Technology**

Basavanapura Road, Virgonagar, K R Puram Bangalore  
Karnataka-560049

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

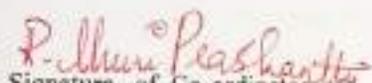
EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

## CERTIFICATE

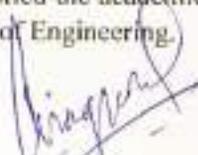
This is to certify the project work entitled "BUCKET .LIST" has been successfully carried out by Mr.TRIBUVAN.N, bearing USN 1SP20IS014, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **Information Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

**Asst Prof R.MUNI PRASHANTHI**

  
Signature of Internal Examiner

(P. Muni Prashanthi)

  
Signature of HOD

**Dr. NIJAGUNA G S**

  
Signature of External Examiner

(Prof. - MALLETHA N)

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Mini project report on

**“CAR RENTAL SYSTEM”**

Submitted in partial fulfilment of the requirements for the 6<sup>th</sup> semester File Structures lab  
with Mini Project (18ISL67)

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

**VARUN NAGARAJ H**

(1SP20IS015)

Under the guidance

Of

**R. MUNI PRASHANTHI**

Assistant Professor

Dept. of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**  
BENGALURU-560049

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "CAR RENTAL SYSTEM" has been successfully carried out by **Mr. VARUN NAGARAJ**, bearing USN **1SP20IS015**, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **Information Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

  
Signature of Co-ordinator

**Asst Prof R.MUNI PRASHANTHI**

  
Signature of Internal Examiner

(Purnashothaman.m)

  
Signature of HOD

**Dr. NIJAGUNA G S**

  
Signature of External Examiner

(P. G. MALLAPPA M)

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



A Mini project report on

**“HOTEL MANAGEMENT SYSTEM”**

Submitted in partial fulfilment of the requirements for the 6<sup>th</sup> semester  
File Structures lab with Mini Project (18CSL67)

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

**YASHASHWINLM**

(1SP20IS016)

Under the guidance

Of

**R. MUNI PRASHANTHI**

Assistant Professor

Dept. of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

## CERTIFICATE

This is to certify the project work entitled "HOTEL MANAGEMENT SYSTEM" has been successfully carried out by YASHASHWINI M, bearing USN 1SP20IS016, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **Information Science and Technology** of the Visvesvaraya Technological University, Belagavi during the year 2022-23. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*R. Muni Prashanthi*  
Signature of Co-ordinator

**Asst Prof R. MUNI PRASHANTHI**

*Dr. N Jagunag S*  
Signature of HOD

**Dr. NJAGUNAG S**

*mpd*  
Signature of Internal Examiner

(*Pravinshothaman.m*)

*Mallepalli M*  
Signature of External Examiner

(*Prof. MALLEPALLI M*)

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



A Mini project report on

**“ELECTRICITY BILLING SYSTEM”**

Submitted in partial fulfilment of the requirements for the 6<sup>th</sup> semester File Structures lab  
with Mini Project (18ISL67)

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND ENGINEERING**

By

**BHARATH RAJ.Y**

(1SP20IS017)

Under the guidance

Of

**R. MUNI PRASHANTHI**

Assistant Professor

Dept. of ISE



Department of Information Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**BENGALURU-560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

EktaNagar, Basavanpura, Virgonagar Post, K.R.Puram, Bengaluru, Karnataka 560059



## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "**ELECTRICITY BILLING SYSTEM**" has been successfully carried out by **Mr. BHARATH RAJ.Y**, bearing USN 1SP20IS017, of VI sem in partial fulfilment for the award of Bachelor of Engineering in **Information Science and Engineering** of the Visvesvaraya Technological University, Belagavi during the year 2022-23 The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

*R. Muni Prashanthi*  
Signature of Co-ordinator

**Asst Prof R.MUNI PRASHANTHI**

*mph*  
Signature of Internal Examiner

(Purnashaktaman.m)

*Niaguna G S*  
Signature of HOD

**Dr. NIAGUNA G S**

*Ashish*  
Signature of External Examiner

(A. MALLISHA M)

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

BENGALURU-560049

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



**CERTIFICATE**

Certified that the Project work entitled "Underwater Wireless Optical Communication" carried out by Abhilash C (ISP19EC001), Anirban Sanki (ISP19EC002), Cyril Paul Rayan(ISP19EC009), Rajesh P (ISP19EC022) bonafide students of S.E.A. College of Engineering and Technology, in partial fulfilment for the award of Bachelor of Engineering in Electronics and Communication Engineering, Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions in dictated for internal assessment have been incorporated in the report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements on prescribed for the said degree.

Dr. T Cynthia Anbuselvi

Guide

Dr. Pradeep Kumar N S

Head of the Department

Dr. B Venkata Narayana

Principal

External Examiners

1. Dr. Pradeep Kumar N.S

2. Dr. J. Saravanan

Signature with date

S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU- 560049

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

Certified that the Final year project entitled "End to End IOT Based Hazard Monitoring System" carried out by Aniya Kausar (ISP19EC003), Parvathi S (ISP19EC019), Hosmani Sanjukumar (ISP17EC007) bonafide students of S.E.A. College of Engineering and Technology, in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering**, Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions in dictated for internal assessment have been incorporated in the report deposited in the departmental library. The Final year project report has been approved as it satisfies the academic requirements on prescribed for the said degree.

Mr Suhas S K  
Project Guide

Dr Pradeep Kumar N S  
Head of Department

Dr B Venkata Narayana  
Principal

External Examiners

1. Dr. Pradeep Kumar N.S
2. Dr. J. Surendiran

Signature with date

25/05/23

25/5/23

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU-560049

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



## CERTIFICATE

*Certified that the Final year Project work entitled "SMART TRAFFIC SIGNAL SYSTEM BASED ON AMBULANCE PATH USING RASPBERRY PI" carried out by Arbeen Taj (ISP19EC004), Naveen Y(ISP19EC017), Prajwal RJ(ISP19EC020), Yogesh V(ISP19EC028), bona fide student of S.E.A. College of Engineering and Technology, in partial fulfillment for the award of **Bachelor of Engineering in Electronics and Communication Engineering**, Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The Final year Project report has been approved as it satisfies the academic requirements on prescribed for the said degree.*

Mrs. Revathi K  
Guide

Dr. Pradeep Kumar N S  
Head of the Department

Dr. B Venkata Narayana  
Principal

External Examiners

1. Dr. Pradeep Kumar N.S
2. Dr. J. Surenthiran

Signature with date

S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY  
BENGALURU -560049  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

Certified that the Final year project phase-2 entitled "Advanced Footstep Power Generation System using RFID for Charging" carried out by Glory DSouza R(ISP19EC010), Kavitha P (ISP19EC012), Lavanya K(ISP19EC013), Pallavi A S (ISP19EC018) bonafide students of S.E.A. College of Engineering and Technology, in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering**, Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions in dictated for internal assessment have been incorporated in the report deposited in the departmental library. The Final year project Phase-2 report has been approved as it satisfies the academic requirements on prescribed for the said degree.

  
Dr. P. Hosanna Princye  
Project Guide

  
Dr Pradeep Kumar N.S  
Head of Department

  
Dr B Venkata Narayana  
Principal

External Examiners

1. Dr. Pradeep Kumar N.S
2. Dr. S. Sankaran

Signature with date

 25/05/23  
 25/5/23

S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY  
BENGALURU-560049

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

Certified that the Final year project entitled "Analysis Of Cardiovascular Disease Using Different Machine Learning Classifiers" carried out by S Avinash Reddy [ISP19EC024], V Y Santhosh [ISP19EC026], D Rishi Vardhan [ISP19EC030], bonafide students of S.E.A. College of Engineering and Technology, in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering**, Vishveshwaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions in dictated for internal assessment have been incorporated in the report deposited in the departmental library. The Final year project report has been approved as it satisfies the academic requirements on prescribed for the said degree.

Mrs. Asha V K R

Internal Guide

Dr. Pradeep Kumar N S

Head of Department

Dr. B Venkata Narayana

Principal

External Examiners

1. Dr. Pradeep Kumar N.S

2. Dr. S. Sandaran

S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY  
BENGALURU-560049

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

*Certified that the Final year project work entitled "IoT based early flood detection and avoidances" carried out by Impana B S (ISP19EC011), Binu B (ISP19EC006), Manjunath B (ISP19EC015), Yeshwanth Gowda G (ISP19EC027), bonafide students of S.E.A. College of Engineering and Technology, in partial fulfilment for the award of **Bachelor of Engineering in Electronics and Communication Engineering**, Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions in dictated for internal assessment have been incorporated in the report deposited in the departmental library. The Final year project report has been approved as it satisfies the academic requirements on prescribed for the said degree.*

Mrs. Dhivya Karunya S

Guide

Dr. Pradeep Kumar N S

Head of the Department

Dr. B Venkata Narayana

Principal

External Examiners

1. Dr Pradeep Kumar N.S
2. Dr. J. Sureshwaran

Signature with date

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU-560049

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



## CERTIFICATE

Certified that the Final year Project work entitled "IOT BASED 3-PHASE UNDERGROUND CABLE FAULT DETECTION AND MONITORING SYSTEM" carried out by BHARATH B (ISP19EC005), BYREGOWDA N(ISP19EC007), CHANDAN J A (ISP18EC002), MANOJ G Y (ISP19EC016), bona fide student of S.E.A. College of Engineering and Technology, in partial fulfillment for the award of **Bachelor of Engineering in Electronics and Communication Engineering**, Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The Final year Project report has been approved as it satisfies the academic requirements on prescribed for the said degree.

Mrs. Gayathiri K  
Guide

Dr. Pradeep Kumar N S  
Head of the Department

Dr. B Venkata Narayana  
Principal

External Examiners

1. Dr Pradeep Kumar N.S
2. Dr. S. Sureshwaran

Signature with date

S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY  
BENGALURU - 560049  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING.



CERTIFICATE

Certified that the Final-Project works entitled " IOT USING GREEN HOUSE MONITORING SYSTEM" carried out By NADIVEEDI SRI PRIYA (ISPISEC012),MANTA KUMAR,D (ISP19EC014),PRIYANKA KUMARI (ISP19EC021),SATHVIKA GB(ISP19EC023) the bonafide student of S.E.A. College of Engineering and Technology, in partial fulfillment for the award of **Bachelor of Engineering in Electronics and Communication Engineering**, Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions in dictated for internal assessment have been incorporated in the report deposited in the departmental library. The Final-Project report has been approved as it satisfies the academic requirements on prescribed for the said degree.

  
Mrs. Deepa Gowda N  
Guide

  
Dr. Pradeep Kumar N S  
Head of the Department

  
Dr. B Venkata Narayana  
Principal

External Examiners

1. Dr. Pradeep Kumar N-S
2. Dr. J-Saradivan

Signature with date

 25/05/23  
 25/5/23

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**"JNANA SANGAMA", BELAGAVI-590018**



**An Internship Report on**

**"EMBEDDED SYSTEM AND IOT"**

Submitted in partial fulfilment for the requirement of 7<sup>th</sup> semester for the  
**BACHELOR OF ENGINEERING**

**in**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

For The Academic Year 2022-23

Internship carried out at:

**Take It Smart(opc) Pvt Ltd**  
RPC Layout, vijayanagar Bangalore-560040

**SUBMITTED BY:**

**CHANDAN J A [ISP18EC002]**

**Under The Guidance of:**

**Internal Guide**

Mrs. Gayathiri K  
Assistant Professor,  
Dept of ECE, S.E.A CET  
Bengaluru-560049

**External Guide**

Mr. Srinivas  
Assistant supervisor,  
Take It Smart  
Bengaluru-560075



**TAKE IT SMART**

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**“JNANA SANGAMA”, BELAGAVI-590018**



**An Internship Report on**

**“EMBEDDED SYSTEM AND IOT”**

Submitted in partial fulfilment for the requirement of 7<sup>th</sup> semester for the  
**BACHELOR OF ENGINEERING**

**in**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

For the academic year 2022-23

Internship carried out at:

**Take It Smart(opc) Pvt Ltd**

**RPC Layout, vijayanagar Bangalore-560040**

**SUBMITTED BY:**

**NADIVEEDI SRI PRIYA [1SP18EC012]**

**Under The Guidance of:**

**Internal Guide**

Prof. Mrs. Deepa Gowda N  
Assistant Professor,  
Dept of ECE, S.E.A CET  
Bengaluru-560075

**External Guide**

Mr. Srinivas  
Assistant supervisor,  
Take It Smart Bengaluru-560049



**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

# CERTIFICATE

ಎಲ್ ಆ ಎ ಟೀಜಸ್ ಡಿವಿಷನ್  
एल सी ए तेजस प्रभाग  
LCA TEJAS DIVISION  
ಮಂಗಳೂರು ಕಂಪ್ಲೆಕ್ಸ್ / ಬೆಂಗಳೂರು ಕಂಪ್ಲೆಕ್ಸ್ / BANGALORE COMPLEX  
ಹಿಂದೂಸ್ತಾನ್ ಏರೋನಾಟಿಕ್ಸ್ ಲಿಮಿಟೆಡ್  
हिन्दुस्तान एरोनॉटिक्स लिमिटेड  
HINDUSTAN AERONAUTICS LIMITED



www.halindia.co.in, Bangalore-560 007, India  
Phone No. 3791, Bangalore - 560037, India  
Post Bag No. 3791, Bengaluru-560037, India  
ದೂರವಾರ್ತೆ/ಫೋನ್/Ph: 91 - 80 - 2252 1869 2252 3870 2252 1812  
2252 3565 2252 3832 2252 1966  
ಫ್ಯಾಕ್ಸ್/ಫೀಸ್/Fax: 91 - 80 - 2252 1868

No. LCA/HR/TM/46/2254/2022

Date: 30.09.2022

## CERTIFICATE

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Abhilash C, 7<sup>th</sup> Semester, B.E (Electronics & Communication), S.E.A College of Engineering and Technology, Bangalore, has undertaken an Internship in partial fulfillment of his academic requirement at LCA Tejas Division from 05.09.2022 to 30.09.2022.

2. His behavior & conduct during the above training period was Very Good.
3. We wish him all the best for future endeavors.

  
(NOEL T RAJAN)  
MANAGER (HR)



ಹಿರಿಯರೊಡನೆ ಸಹಕರಿಸಿ : 15/1, ಕಬ್ಬನ್ ರೋಡ್, ಬೆಂಗಳೂರು-560001, ಭಾರತ  
पंजीकृत कार्यालय : 15/1, कबुन रोड, बेंगलूरु - 560 001, भारत  
Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India  
A. B. ಎಲ್ / ಸಿ ಆರ್ವಿ ಎನ್ / CIN: L35301KA1963GOI001622

# INTERNSHIP CERTIFICATE



Reg. No : AAB9565

INVENTERON TECHNOLOGIES AND BUSINESS SOLUTIONS LLP

## CERTIFICATE OF INTERNSHIP

This is to certify that Mr Ms. ANIRBAN SANKI

has completed internship on TOT GLASSES FOR BLIND PEOPLE

from 26<sup>th</sup> AUG 2022 to 26<sup>th</sup> SEP 2022 successfully.

We wish this intern all the best for future endeavours.



*[Signature]*  
Managing Director

[www.inventeron.com](http://www.inventeron.com)

This certificate was issued based on the project that I conducted during the internship period



TECHNOLOGICS

Global | Technology | Research | Strategy

Certificate ID: T-INT-2022-0001  
Issued Date: 24-09-2022  
Duration: 1 month

# Internship Certificate

*This certificate is proudly presented to*

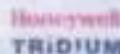
*Aniya Kausar*

*for successful completion of Internship in* AI & ML using python

*under the guidance of* TECHNOLOGICS GLOBAL PVT. LTD.

*Conducted between* 25-08-2022 *to* 24-09-2022

*for the student of* SEA COLLEGE OF ENGINEERING AND TECHNOLOGY, Ekta nagar, Bangalore



Signature of Authority



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**“JNANA SANGAMA”, BELAGAVI-590018**



**An Internship Report on**

**“EMBEDDED SYSTEM AND IOT”**

Submitted in partial fulfilment for the requirement of 7<sup>th</sup> semester for the  
**BACHELOR OF ENGINEERING**

in  
**ELECTRONICS AND COMMUNICATION ENGINEERING**

For The Academic Year 2022-23

Internship carried out at:

**Take It Smart(opc) Pvt Ltd**  
RPC Layout, vijayanagar Bangalore-560040

**SUBMITTED BY:**

**BHARATH B [ISP19EC005]**

**Under The Guidance of:**

**Internal Guide**

Mrs. Gayathiri K  
Assistant Professor,  
Dept of ECE, S.E.A CET  
Bengaluru-560049

**External Guide**

Mr. Srinivas  
Assistant supervisor,  
Take It Smart  
Bengaluru-560075



**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**  
BENGALURU-560049  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**“JNANA SANGAMA”, BELAGAVI-590018**



**An Internship Report on**

**“EMBEDDED SYSTEM AND IOT”**

Submitted in partial fulfilment for the requirement of 7<sup>th</sup> semester  
**BACHELOR OF ENGINEERING**

in  
**ELECTRONICS AND COMMUNICATION ENGINEERING**

For The Academic Year 2022-23

Internship carried out at:

**Take It Smart(opc) Pvt Ltd**  
**RPC Layout, vijayanagar Bangalore-560040**

**SUBMITTED BY:**

**Binu.B [ISP19EC006]**

**Under The Guidance of:**

**Internal Guide**

**Mrs. Divya Karunya S**  
Assistant Professor,  
Dept of ECE, S.E.A CET  
Bengaluru-560049



**External Guide**

**Mr. Srinivas**  
Assistant supervisor,  
Take It Smart  
Bengaluru-560075



**TAKE IT SMART**

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

VIT VELLORE UNIVERSITY

VIT VELLORE UNIVERSITY



An Internship Report on

EMBEDDED SYSTEM AND IOT

Submitted in partial fulfillment of the requirement for the award of the  
BACHELOR OF ENGINEERING

ELECTRONICS AND COMMUNICATIONS ENGINEERING

For the Candidate: \_\_\_\_\_

Internship Period: \_\_\_\_\_

Topic: \_\_\_\_\_

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

BY: \_\_\_\_\_

Under the Guidance of

Internal Guide

Mr. \_\_\_\_\_

Assistant Professor

Dept. of E. C. E. & I. T.

Regulation: \_\_\_\_\_

External Guide

Mr. \_\_\_\_\_

Assistant Professor

Dept. of E. C. E. & I. T.

Regulation: \_\_\_\_\_



VIT VELLORE UNIVERSITY

VIT VELLORE UNIVERSITY

DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

# CERTIFICATE FROM HAL – TEJAS DIVISION

एन सी ए तेजस विभाग  
LCA TEJAS DIVISION  
एन सी ए लिमिटेड, बंगलूरु  
एन सी ए लिमिटेड, बंगलूरु  
हिन्दुस्तान एरोनॉटिक्स लिमिटेड  
HINDUSTAN AERONAUTICS LIMITED



बंगलूरु  
एन सी ए

No. LCA/HR/TM/46/2257/2022

Date: 30.09.2022

## CERTIFICATE

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Cyril Paul Rayan, 7<sup>th</sup> Semester, B.E (Electronics & Communication), S.E.A College of Engineering and Technology, Bangalore, has undertaken an Internship in partial fulfillment of him academic requirement at LCA Tejas Division from 05.09.2022 to 30.09.2022.

2. His behavior & conduct during the above training period was Very Good.
3. We wish him all the best for future endeavors.

  
(NOEL T RAJAN)  
MANAGER (HR)



हिन्दुस्तान एरोनॉटिक्स लिमिटेड, बंगलूरु  
पंजीकृत कार्यालय : 15/1, कबुबन रोड, बंगलूरु - 560 001, भारत  
Registered Office : 15/1, Cubbon Road, Bengaluru - 560 001, India  
ए. सी. ए. लि. / सी आई एन / CIN: L35301KA1963GN001622

www.hal-india.co.in

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
**"JNANA SANGAMA", BELAGAVI-590018**



**An Internship Report on**  
**"EMBEDDED SYSTEM AND IOT"**

Submitted in partial fulfilment for the requirement of 7<sup>th</sup> semester for the  
**BACHELOR OF ENGINEERING**

in

**ELECTRONICS AND COMMUNICATION ENGINEERING**

For The Academic Year 2022-23

Internship carried out at:

**Take It Smart(opc) Pvt Ltd**

**SUBMITTED BY:**

**GLORY DSOUZA R [ISP19EC010]**

**Under The Guidance of:**

**Internal Guide**

**Dr. P.Hosanna Princey**

**Associate Professor,**

**Dept of ECE, S.E.A CET**

**Bengaluru-560049**

**External Guide**

**Mr. Srinivas**

**Assistant supervisor,**

**Take It Smart**

**Bengaluru-560075**



**TAKE IT SMART**

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**BENGALURU-560049**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
**“JNANA SANGAMA”, BELAGAVI-590018**



**An Internship Report on**  
**“EMBEDDED SYSTEM AND IOT”**

Submitted in partial fulfilment for the requirement of 7<sup>th</sup> semester for the  
**BACHELOR OF ENGINEERING**

in

**ELECTRONICS AND COMMUNICATION ENGINEERING**

For The Academic Year 2022-23

Internship carried out at:

**Take It Smart(opc) Pvt Ltd**

**SUBMITTED BY:**

**KAVITHA P**

**[ISP19EC012]**

**Under The Guidance of:**

**Internal Guide**

**Dr. P.Hosanna Princey**  
Associate Professor,  
Dept of ECE, S.E.A CET  
Bengaluru-560049

**External Guide**

**Mr. Srinivas**  
Assistant supervisor,  
**Take It Smart**  
Bengaluru-560075



**TAKE IT SMART**

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**BENGALURU-560049**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



Reg. No. AAR3565

INVENTERON TECHNOLOGIES AND BUSINESS SOLUTIONS LLP

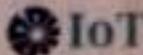
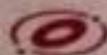
## CERTIFICATE OF INTERNSHIP

This is to certify that Mr/Ms. LAVANIA . K

has completed internship on INDUSTRIAL SAFETY MONITORING SYSTEM USING IOT

from 26<sup>th</sup> AUG 2022 to 26<sup>th</sup> SEP 2022 successfully.

We wish this intern all the best for future endeavours.



Partnership



Managing Director

[www.inventeron.com](http://www.inventeron.com)



# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**MAMTA KUMARI D**

SEA COLLEGE OF ENGINEERING AND TECHNOLOGY

Student of

Embedded System and IoT

has completed internship from

20<sup>th</sup> August 2022 to 20<sup>th</sup> September 2022

from

We found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her.  
And Wish him / her all the best for him / her future.



Mallikarjun Kumbhar  
Director



#startupindia



# Take It Smart (OPC) PVT LTD

# 14, 5GN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**MANJUNATH B**

Student of SOUTH EAST ASIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Has completed internship in Embedded System and IoT

From 21<sup>st</sup> August 2022 to 21<sup>st</sup> September 2022

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



Mallikarjun Kumbar  
Director



**MEME**  
Ministry of Industries and Commerce, Government of Karnataka

#startupindia

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**“JNANA SANGAMA”, BELAGAVI-590018**



**An Internship Report on  
“EMBEDDED SYSTEM AND IOT”**

Submitted in partial fulfilment for the requirement of 7<sup>th</sup> semester for the  
**BACHELOR OF ENGINEERING**

in  
**ELECTRONICS AND COMMUNICATION ENGINEERING**

For The Academic Year 2022-23

Internship carried out at:

**Take It Smart(opc) Pvt Ltd**  
RPC Layout, vijayanagar Bangalore-560040

**SUBMITTED BY:**

**MANOJ G Y [ISP19EC016]**

**Under The Guidance of:**

**Internal Guide**

Mrs. Gayathiri K  
Assistant Professor,  
Dept of ECE, S.E.A CET  
Bengaluru-560049

**External Guide**

Mr. Srinivas  
Assistant supervisor,  
Take It Smart  
Bengaluru-560075



**TAKE IT SMART**

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**  
BENGALURU-560049

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**



# Take It Smart (OPC) PVT LTD

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Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**NAVEEN Y**

Student of SEA College Of Engineering And Technology

Has completed Internship in Embedded System and IoT

From 20<sup>th</sup> August 2022 to 20<sup>th</sup> September 2022

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



Mallikarjun Kumbar  
Director



#startupindia



Reg. No : AAB9565

INVENTERON TECHNOLOGIES AND BUSINESS SOLUTIONS LLP

## CERTIFICATE OF INTERNSHIP

This is to certify that Mr./Ms. PALLAVI A.S

has completed internship on HEALTH CARE MONITORING USING IOT

from 26<sup>th</sup> AUG 2022 to 26<sup>th</sup> SEP 2022 successfully.

We wish this intern all the best for future endeavours.



Raspberry Pi



Managing Director

[www.inventeron.com](http://www.inventeron.com)



# Take It Smart (OPC) PVT LTD

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Vijayanagar, Bengaluru - 560 050 Mob : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**PARVATHI S**

Student of SOUTH EAST ASIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Has completed Internship in Embedded System and IoT

From 21<sup>st</sup> August 2022 to 21<sup>st</sup> September 2022

We found him/her sincere, Hardworking, Dedicated and Result oriented, She/He Worked well as  
Part of the team during his/her tenure. We take this opportunity to thank him / her  
And Wish him / her all the best for him / her future.



Mallikarjun Kumbhar  
Director



#startupindia



# Take It Smart (OPC) PVT LTD

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Vijayanagar, Bengaluru - 560 040. Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

PRAJWAL RJ

Student of SOUTH EAST ASIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Has completed Internship in Embedded System and IoT

From 21<sup>st</sup> August 2022 to 21<sup>st</sup> September 2022

we found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



Mallikarjun Kumbhar  
Director



**MSME**  
MINISTRY OF INDUSTRIES AND COMMERCE  
GOVERNMENT OF KARNATAKA

#startupindia

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-590 018



An internship report on

"SMART PARKING SYSTEM"

*Internship report submitted in partial fulfillment for the award of the degree of*

Bachelor of Engineering

In

Electronics and Communication Engineering

Submitted By

PRIYANKA KUMARI (ISP19EC021)

Under the Guidance of

Mrs. DEEPA GOWDA N

Asst. Professor Dept of ECE S.E.A CET.



S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY  
BENGALURU — 560049

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING





# Take It Smart (OPC) PVT LTD

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Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**SATHVIKA GB**

Student of SOUTH EAST ASIAN COLLEGE OF ENGINEERING and TECHNOLOGY

Has completed internship in Embedded System and IoT

From 21<sup>st</sup> August 2022 to 21<sup>st</sup> September 2022

We found him/her sincere, Hardworking, Dedicated and Result oriented, She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



#startupindia



Mallikarjun Kumbhar  
Director



# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**SOMAGUTTA KOTTAM AVINASH REDDY**

**SOUTH EAST ASIN COLLEGE OF ENGINEERING AND TECHNOLOGY**

Working at

**Embedded System and IoT**

From

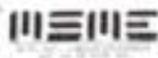
**20<sup>th</sup> August 2022 to 20<sup>th</sup> September 2022**

To

We found Somagutta Avinash Reddy, hardworking, dedicated and new IT oriented. She/he worked as part of the team during his/her tenure. We take this opportunity to thank him / her and wish him / her all the best for his / her future.



**Malikarjun Kumbhar**  
Director



#startupindia



# Take It Smart (OPC) PVT LTD

# 14, SGN Arcade, 1st Floor, 2nd stage, 1st Main Rd, RPC Layout,  
Vijayanagar, Bengaluru - 560 040 Mob. : 8050104212 / 8792697647  
www.takeitsmart.in

TAKE IT SMART

Reg No. : 150027

ISO 9001 :2015

## Internship Certificate

This Certifies that

**SOMAGUTTA KOTTAM AVINASH REDDY**

**SOUTH EAST ASIN COLLEGE OF ENGINEERING AND TECHNOLOGY**

Student of

**Embedded System and IoT**

Has completed internship in

**20<sup>th</sup> August 2022 to 20<sup>th</sup> September 2022**

From

We found him/her sincere, Hardworking, Dedicated and Result oriented. She/he Worked well as Part of the team during his/her tenure. We take this opportunity to thank him / her And Wish him / her all the best for him / her future.



Mallikarjun Kumbhar  
Director



**MSME**  
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES  
GOVERNMENT OF KARNATAKA

#startupindia

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**“JNANA SANGAMA”, BELAGAVI-590018**



**An Internship Report on**

**“EMBEDDED SYSTEM AND IOT”**

Submitted in partial fulfilment for the requirement of 7<sup>th</sup> semester for the  
**BACHELOR OF ENGINEERING**

**in**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

For The Academic Year 2022-23

Internship carried out at:

**Take It Smart(opc) Pvt Ltd**  
RPC Layout, vijayanagar Bangalore-560040

**SUBMITTED BY:**

**V Y SANTHOSH [ISP19EC026]**

**Under The Guidance of:**

**Internal Guide**

**Mrs. Asha V K R**  
Assistant professor  
Dept of ECE, S.E.A CET  
Bengaluru-560049

**External Guide**

**Mr. Srinivas Assistant Professor,**  
Assistant supervisor,  
Take It Smart  
Bengaluru-560075



**TAKE IT SMART**



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**"JNANA SANGAMA", BELAGAVI-590018**



**An Internship Report on**

**"EMBEDDED SYSTEM AND IOT"**

Submitted in partial fulfilment for the requirement of 7<sup>th</sup> semester for the  
**BACHELOR OF ENGINEERING**

**in**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

For The Year 2022-23 Academic

Internship carried out at:

**Take It Smart(opc) Pvt Ltd  
RPC Layout, Vijayanagar,  
Bangalore-560040**

**SUBMITTED BY:**

**YOGESH V [ISP19EC028]**

**Under The Guidance of:**

**Internal Guide**

**Mrs. Revathi k  
Assistant Professor,  
Dept of ECE, S.E.A CET  
Bengaluru-560075**



**External Guide**

**Mr. Srinivas  
Assistant supervisor,  
Take It Smart Bengaluru-560049**



**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Bengaluru-560049

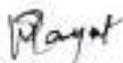
Department of Electronics and Communication Engineering



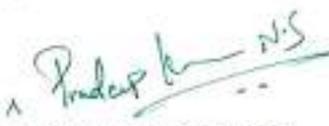
## CERTIFICATE

Certified that the project work entitled "ANTI SLEEP ALARM FOR DRIVERS" has been successfully carried out by BHAVANI S (ISP20EC001), E NANDINI (ISP20EC003), JYOTHI N N (ISP20EC005), SNEHASHREE K (ISP20EC009),

Bonafied students of engineering and technology, in partial fulfilment for the award of Bachelor of Engineering in Electronics and Communication Engineering Visvesvaraya Technological University, Belagavi during the year 2022-2023. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The mini project report has been approved as it satisfied the academic requirements prescribed for the said degree.

  
Mrs. GAYATHIRI K  
Guide

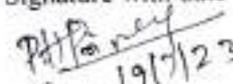
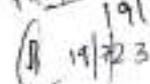
  
Dr. PRADEEP KUMAR N S  
Head of Department

  
Dr. B Venkata Narayana  
Principal

External Examiner

1. Dr. P.Hosanna Rineye.
2. Poornima B

Signature with date

  
19/7/23  
  
19/7/23

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

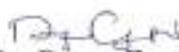
BENGALURU – 560049

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



## CERTIFICATE

Certified that the Project work entitled "MC Based Collision Detection System" carried out by LOKESH P (ISP20EC006), MOHITH GOWDA C B (ISP20EC007), PRATIK KUMAR RAI (ISP20EC010) bonafide students of S.E.A. College of Engineering and Technology, in partial fulfillment for the award of Bachelor of Engineering in Electronics and Communication Engineering Visvesvaraya Technological University, Belgavi during the year 2022-23. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The Mini Project report has been approved as it satisfies the academic requirements on prescribed for the said degree.

  
Mrs Deepa Gowda N  
Guide

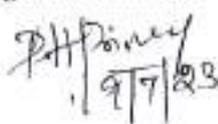
  
Dr Pradeep Kumar N S  
Head of Department

  
Dr. B Venkata Narayana  
Principal

*External Examiners*

1. Dr. P. Hosanna Poine
2. Poorvima .B

*Signature with date*

  
19/7/23  
(R) 19/7/23

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU – 560049

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



## CERTIFICATE

Certified that the Project work entitled “**FINGERPRINT DOOR LOCK SYSTEM USIN ARDUINO**” carried out by CH VENKATA SUDHEER KUMAR (1SP20EC002), E RAJESH (1SP20EC008), D N PADMANAND (1SP20EC008) bonafide students of S.E.A. College of Engineering and Technology, in partial fulfillment for the award of Bachelor of Engineering in Electronics and Communication Engineering Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The Mini Project report has been approved as it satisfies the academic requirements on prescribed for the said degree.

Mrs. ASHA VKR  
Guide

Dr Pradeep Kumar N S  
Head of Department

Dr. B Venkata Narayana  
Principal

External Examiners

1. Dr. P. Hasanna Paneyo
2. Poornima .B

Signature with date

  
19/7/23  
19/7/23

# "DESIGN AND ANALYSIS OF SIX AXES ROBOTIC ARM"



*A Project Work Report Submitted to*

**Visvesvaraya Technological University, Belagavi**

*In partial fulfillment of the requirement for the award of the degree*

**Bachelor of Engineering  
In  
Mechanical Engineering**

*Submitted By*

<b>Hemakesha N</b>	<b>ISP19ME001</b>
<b>Nagaraj</b>	<b>ISP19ME005</b>
<b>S Singeravelu</b>	<b>ISP19ME007</b>
<b>Tejas.M.A</b>	<b>ISP19ME010</b>

*Under the Guidance of  
Guide*

**Dr. Manjunath.K**

Assistant Professor

Department of Mechanical Engineering  
SEA College of Engineering and Technology



**Department of Mechanical Engineering  
SEA COLLEGE OF ENGINEERING & TECHNOLOGY**  
(Affiliated to VTU and approved by AICTE)  
**Bengaluru-560 049**

**“DESIGN AND FABRICATION OF SOLAR CUM  
MANUAL OPERATED DIAPHRAGM PUMP WITH  
SEED SOWING MACHINE”**



*A Project Work Report Submitted to*

**Visvesvaraya Technological University, Belagavi**

*In partial fulfillment of the requirement for the award of the degree*

**Bachelor of Engineering**

**In**

**Mechanical Engineering**

*Submitted By*

**RAJSHEKAR.G.K**

**ISP19ME012**

**KISHOR.S.V**

**ISP19ME003**

**MOKSHAGNA YADAV.S.R**

**ISP19ME004**

**SHIV KUMAR MAHTO**

**ISP19ME008**

*Under the Guidance of*

**Guide**

**Dr.Suresha.P**

Head of the department

Department of Mechanical Engineering

SEA College of Engineering and Technology



**Department of Mechanical Engineering**

**SEA COLLEGE OF ENGINEERING & TECHNOLOGY**

(Affiliated to VTU and approved by AICTE)

**Bengaluru-560 049**

# "DESIGN AND DEVELOPMENT OF UNMANNED ARMY ROBOT USING RF CONTROL"



*A Project Work Report Submitted to*

**Visvesvaraya Technological University, Belagavi**

*In partial fulfillment of the requirement for the award of the degree*

**Bachelor of Engineering**

**In**

**Mechanical Engineering**

*Submitted By*

<b>SUNIL.D</b>	<b>ISP19ME009</b>
<b>JASEEM.S.M</b>	<b>ISP19ME002</b>
<b>PRANAV.P</b>	<b>ISP19ME006</b>
<b>YAMBEM SUSHIL SINGH</b>	<b>ISP18ME023</b>

*Under the Guidance of*

**Guide**

**Mr. Rajesh. N**

Assistant Professor

Department of Mechanical Engineering  
SEA College of Engineering and Technology



**Department of Mechanical Engineering**

**SEA COLLEGE OF ENGINEERING & TECHNOLOGY**

(Affiliated to VTU and approved by AICTE)

**Bengaluru-560 049**



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING



Project report on

**"DEVELOPMENT AND CHARACTERIZATION OF Al-12 wt.%Si ALLOY  
BASED MMC REINFORCED WITH Al<sub>2</sub>O<sub>3</sub> PARTICULATES."**

Submitted in partial fulfilment of the requirements for the award of  
Bachelor of Engineering

In

**MECHANICAL ENGINEERING**

Submitted by:

**S Karthick- ISP20ME400**

**S Vikram Kumar – ISP20ME402**

Under the guidance of,

**Kuberagouda S B**  
Assistant Professor



DEPARTMENT OF MECHANICAL AND INDENGINEERING

**S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY**

Academic year: 2022-23

**Visvesvaraya Technological University, Belagavi**



An  
Internship Report Submitted  
To  
*Impartial fulfillment of the requirement for the award of the degree*

**Bachelor of Engineering**  
**In**  
**Mechanical Engineering**

At  
*AkzoNobel India Ltd*

*Submitted By*

**NAGARAJ**  
**USN: 1SP19ME005**

*Under the Guidance of*

**Dr.Manjunath.K**  
Assistant Professor  
Department of Mechanical Engineering  
SEA College of Engineering and Technology



**Department of Mechanical Engineering**  
**SEACOLLEGE OF ENGINEERING & TECHNOLOGY**

(Affiliated to VTU and approved by AICTE)

**Bengaluru-560049**

**Visvesvaraya Technological University, Belagavi**



An  
Internship Report Submitted  
To

*Impartial fulfillment of the requirement for the award of the degree*

**Bachelor of Engineering  
In  
Mechanical Engineering**

*At  
TAKE IT SMART PVT LTD*

*Submitted By*

**KISHOR S V  
USN: 1SP19ME003**

*Under the Guidance of*

**Dr. Manjunath.K**  
Assistant Professor  
Department of Mechanical Engineering  
SEA College of Engineering and Technology



**Department of Mechanical Engineering  
SEACOLLEGE OF ENGINEERING & TECHNOLOGY**

(Affiliated to VTU and approved by AICTE)

**Bengaluru-560049**

**Visvesvaraya Technological University, Belagavi**



An  
Internship Report Submitted  
To

*Impartial fulfillment of the requirement for the award of the degree*

**Bachelor of Engineering  
In  
Mechanical Engineering**

*At*  
**100 MLD, BWSSB SEWAGE TREATMENT PLANT  
HEBBAL**

*Submitted By*

SUNIL D  
USN: 1SP19ME009

*Under the Guidance of*

Dr. Manjunath.K  
Assistant Professor  
Department of Mechanical Engineering  
SEA College of Engineering and Technology



**Department of Mechanical Engineering  
SEACOLLEGE OF ENGINEERING & TECHNOLOGY**

(Affiliated to VTU and approved by AICTE)

**Bengaluru-560049**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**BELGAUM-560018**



**A MINI PROJECT REPORT**

**ON**

**“DESIGN AND FRABRICATION OF MINI HYDRAULIC JACK”**

**Submitted in partial fulfillment of the requirements for the award of**

**BACHELOR OF ENGINEERING**

**IN**

**MECHANICAL ENGINEERING**

**For the academic year 2022 - 23**

**Submitted by**

<b>DHANUSH.S</b>	<b>1SP21ME400</b>
<b>HEMANTH KUMAR S V</b>	<b>1SP21ME401</b>
<b>MANJUNATH V</b>	<b>1SP21ME403</b>
<b>SANJAY K</b>	<b>1SP21ME404</b>

**Under the guidance of**

**Dr.Manjunath.K**

**Assistant Professor**

**Department of ME, S.E.A, Bangalore**



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**BANGALORE-560049**

# **“DEVELOPMENT OF AUTOMATIC SOLAR PANEL ROTATION BASED ON SUNLIGHT BY USING ARDUINO”**



*A Mini Project Work Report Submitted to*

**Visvesvaraya Technological University, Belagavi**

*In partial fulfillment of the requirement for the award of the degree*

**Bachelor of Engineering  
In  
Mechanical Engineering**

*Submitted By*

<b>ARJUN DAS.P.V</b>	<b>1SP20ME001</b>
<b>SANTHOSH D</b>	<b>1SP21ME405</b>
<b>SHIVARAJ</b>	<b>1SP21ME406</b>
<b>VASANTHA KUMAR D.K</b>	<b>1SP21ME407</b>

*Under the Guidance of*

**Guide**

**Dr.Manjunath.K**

Ass. Professor

Department of Mechanical Engineering



**Department of Mechanical Engineering**

**SEA COLLEGE OF ENGINEERING & TECHNOLOGY**

(Affiliated to VTU and approved by AICTE)

**Bengaluru-560 049**

# **“OBSTACLE AVOIDING CAR USING ARDUINO”**



*A Mini Project Work Report Submitted to*

**Visvesvaraya Technological University, Belagavi**

*In partial fulfillment of the requirement for the award of the degree*

**Bachelor of Engineering  
In  
Mechanical Engineering**

*Submitted By*

**ULLAS.G**

**1SP20ME002**

*Under the Guidance of*

**Dr.Manjunath.K**

Asst. Professor

Department of Mechanical Engineering  
SEA College of Engineering and Technology



**Department of Mechanical Engineering**

**SEA COLLEGE OF ENGINEERING & TECHNOLOGY**

(Affiliated to VTU and approved by AICTE)

**Bengaluru-560 049**

DEPARTMENT OF CIVIL ENGINEERING

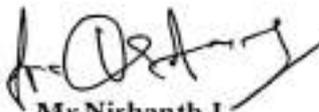


CERTIFICATE

Certified that the Mini-Project works entitled "STUDY ON THE STRENGTH CHARACTERISTICS AND WORKABILITY OF CONCRETE BY PARTIAL REPLACEMENT FINE AGGREGATE WITH CRUMB RUBBER " carried out by RAKSHITH RAHUL M U (1SP18CV014) the Bonafede student of S.E.A. College of Engineering and Technology, in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering, Visvesvaraya Technological University, Belagavi during the year 2022- 23. It is certified that all corrections/suggestions in dictated for internal assessment have been incorporated in the report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements on prescribed for the said degree.

Mrs.  R. Rimju

Assistant professor  
Dept of Civil engineering

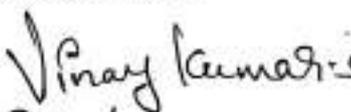
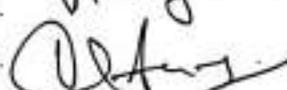
  
Mr. Nishanth.L.

Head of the Department

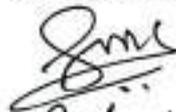
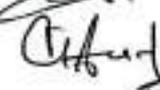
  
Dr. B Venkata Narayana

Principal

External Examiners

1.  Vinay Kumar
2. 

Signature with date

 21/5/23  
 21/5/23

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka  
560049



## DEPARTMENT OF CIVIL ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "COMPARISON STUDY OF SOIL STABILIZATION USING DIFFERENT MATERIALS" been successfully carried out by SUVAM GACHHADAR (ISP19CV012), MUKUND KUMAR YADAV (ISP19CV010), AMAR KUMAR YADAV (ISP19CV003), AASHNIKUMAR KHUMANTHEM (ISP19CV001) of 8<sup>TH</sup> semester in fulfilment for the award of Bachelor of Engineering in Civil Engineering of Visvesvaraya Technological University, Belagavi During the year 2022-2023. The project report has been approved as it satisfied the academic requirement in respect of the mini project work prescribed for Bachelor of Engineering.

Signature of Co-Ordinator

R Vaishnu Kumar

Signature of HOD

Nishanth L

Signature of Principal

Dr. B Venkata Narayan

Signature of Internal Examiner

  
24/5/23

Signature of External Examiner

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU-560049

DEPARTMENT OF CIVIL ENGINEERING



## CERTIFICATE

Certified that the Project works entitled "EXPERIMENTAL INVESTIGATION OF STEEL FIBER REINFORCED CONCRETE WITH PARTIAL REPLACEMENT OF FINE AGGREGATE BY COPPER SLAG "carried out by ABZAL ANSARI (ISP19CV002), IRFAN AHMAD MIR (ISP17CV012), RAJU KUMAR YADAV (ISP19CV013), ARIF ANSARI (ISP19CV004) the bonafide student of S.E.A. College of Engineering and Technology, in partial fulfilment for the award of **Bachelor of Engineering in Civil Engineering**, Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions in dictated for internal assessment have been incorporated in the report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements on prescribed for the said degree.

  
Mrs. M. Angeline Mary

Guide

  
Mr. Nishanth L.

Head of the Department

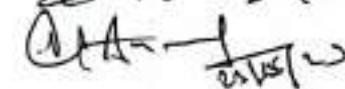
  
Dr. B Venkata Narayana

Principal

External Examiners

1. V. Pray Kumar S
2. M. Angeline Mary

Signature with date

  
  
24/5/23  
24/5/23

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU-560049

DEPARTMENT OF CIVIL ENGINEERING



## CERTIFICATE

Certified that the Mini-Project works entitled "STUDY ON THE STRENGTH CHARACTERISTICS AND WORKABILITY OF CONCRETE BY PARTIAL REPLACEMENT FINE AGGREGATE WITH CRUMB RUBBER" carried out by ARUN KUMAR B (ISP19CV005), JEEVAN GB (ISP18CV022), HARSHITH GOWDA (ISP19CV007), JAHNAVI A (ISP19CV008) the bonafide student of S.E.A. College of Engineering and Technology, in partial fulfillment for the award of **Bachelor of Engineering in Civil Engineering**, Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions in dictated for internal assessment have been incorporated in the report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements on prescribed for the said degree.

Mrs. VR Rmju

Assistant professor  
Dept of Civil engineering

Mr. Nishanth L.

Head of the Department

Dr. B Venkata Narayana

Principal

External Examiners

1. Vinay Kumar S
2. Dr. Angelina Mary

Signature with date

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama" Belgavi-590014



## A PROJECT REPORT ON 'EXTENSIVE SURVEY PROJECT'

UNDERTAKEN AT SEA COLLEGE SURROUNDINGS.

Submitted in Partial Fulfillment of the requirement for the award of degree of

BACHELOR OF ENGINEERING  
IN

CIVIL ENGINEERING

SUBMITTED BY: 6' Semester Students

UNDER THE ESTEEMED GUIDANCE OF

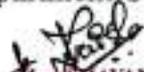
Mr. NISHANTH L.

Prof & H.O.D,

Department Of Civil Engineering

  
Mr. R. LASHNU KUMAR  
ASST PROF

  
Mrs. V R RENU  
ASST PROF

  
Mrs. BHAVANA J  
ASST PROF

  
Mrs. ANGELINE MARIA  
ASST PROF

  
Dr. B VENKATNARAYANA  
PRINCIPAL



DEPARTMENT OF CIVIL ENGINEERING  
S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY  
(Affiliated to VTU and approved by AICTE)  
BANGALORE-560049

S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY  
EKTA NAGAR, (K.R PURAM), VIRGONAGAR (POST) BANGALORE-  
560049



DEPARTMENT OF CIVIL ENGINEERING  
PROJECT REPORT ON  
18CEVP68-EXTENSIVE SURVEY PROJECT

For project work prescribed by the Visvesvaraya Technological university, for 6<sup>th</sup>  
Semester B.E,Civil Engineering



UNDER THE GUIDANCE OF:

Mr.NISHANT I  
Assistant prof & H.O.D

SUBMITTED BY

MOHAMMED JUNAID

MUMTAZ ANSARI

PAL KUOL PAL

ORVIS KURIAN BABU

W.KIRANJIT SINGH

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**

**EKTA NAGAR, K.R PURAM, VIRGONAGAR POST**

**BANGALORE-560049**



**2022-2023**

**DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE**

This is to certify that the project work entitled for the  
"EXTENSIVE SURVEY PROJECT REPORT" is a bonafide work of the  
"VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI"

During the year 2022-2023 The project report has approved as it  
satisfies the academic requirements prescribed for the B.E  
DEGREE, the project has been carried out by 6<sup>th</sup> Semester students.

**Batch-01**

**NAME: \_\_\_\_\_ USN: \_\_\_\_\_**

<b>MOHAMMED JUNAID</b>	<b>1SP20CV002</b>
<b>MUMTAZ ANSARI</b>	<b>1SP20CV003</b>
<b>PAL KUOL PAL</b>	<b>1SP20CV004</b>
<b>ORVIS KURIAN BABU</b>	<b>1SP20CV005</b>
<b>W.KIRANJIT SINGH</b>	<b>1SP17CV035</b>

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU-560049

DEPARTMENT OF CIVIL ENGINEERING



## CERTIFICATE

Certified that the Internship Report on LAYOUT PLANNING AND ROAD CONSTRUCTION carried out by JEEVAN G B (ISP18CV022) the bonifide student of S.E.A. College of Engineering and Technology, KR puram And Build Height, design and construction, Bengaluru as in partial fulfillment for the award of **Bachelor of Engineering in Civil Engineering**, Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions in dictated for internal assessment have been incorporated in the report deposited in the departmental library. The report has been approved as it satisfies the academic requirements on prescribed for the said degree.

Mrs. BHAVANA

Assistant professor  
Dept of Civil engineering

Mr. NISHANTH. L

Head of the Department

Dr. B VENKATA NARAYANA

Principal

External Examiners

1. BHAVANA J

2. Prof. Praveen N atiyal

Signature with date

26/5/23

## S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka  
560049

### DEPARTMENT CIVIL ENGINEERING



### CERTIFICATE

Certified that the internship entitled "CONSTRUCTION OF RESIDENTIAL BUILDING" carried out by **Mr. SUVAM GACHHADAR (ISP19CV012)**, Bonafede student of S.E.A College of Engineering & Technology, in partial fulfillment for the award of **Bachelor of Engineering** in Civil Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023 is certified that all corrections/suggestions indicated for internal report have been approved as it satisfies the academic requirements in respect of internship work prescribed for the said degree.

Signature of Coordinator

Asst. Prof. Bhavana J

Signature of HOD

Mr. Nishanth L

Signature of Principal

Dr. B Venkata Narayana

EXTERNAL EXAMINER

1. BHAVANA J
2. Prof. Praveen N. N. N.

Signature with Date

26/5/23  
Date: 26/5/23

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU-560049

DEPARTMENT OF CIVIL ENGINEERING



## CERTIFICATE

Certified that the Internship Report on RESIDENTIAL AND COMMERCIAL CONSTRUCTION carried out by ARUN KUMAR B (ISP19CV005) the bonafide student of S.E.A. College of Engineering and Technology, KR Puram And MAYA ASSOCIATES Davangere as in partial fulfillment for the award of **Bachelor of Engineering in Civil Engineering**, Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions in dictated for internal assessment have been incorporated in the report deposited in the departmental library. The report has been approved as it satisfies the academic requirements on prescribed for the said degree.

Mrs. BHAVANA J

Assistant professor  
Dept of Civil engineering

Mr. NISHANTH. L

Head of the Department

Dr. B VENKATA NARAYANA

Principal

External Examiners

1. BHAVANA-J
2. Prof Praveen N Wingal

Signature with date

26/5/23

# S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY

BENGALURU -560049

(Affiliated to Visvesvaraya Technological University, Belagavi)



## DEPARTMENT OF CIVIL ENGINEERING

### CERTIFICATE

Certified that the internship entitled "Finishing work of a Residential Building" carried out by **ARIF ANSARI (ISP19CV004)**, bonafied student of S.E.A College Of Engineering & Technology, in partial fulfilment for the award of **Bachelor of Engineering in Civil Engineering** of the Visvesvaraya Technological University, Belgaum during the year 2022-2023, 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 internship work prescribed for the said degree..

Mrs. Bhavana J

Signature of the Guide

Mr. Nishanth L

Signature of the H.O.D

Dr. B Venkatnarayan

Signature of the Principal

#### INTERNAL EXAMINER

1. BHAVANA J
2. Prof. Prashant N. Nishant

#### EXTERNAL EXAMINER

26/5/23  
26/5/23

# S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY

BENGALURU -560049

(Affiliated to Visvesvaraya Technological University, Belagavi)



## DEPARTMENT OF CIVIL ENGINEERING

### CERTIFICATE

Certified that the internship entitled "Finishing work of a Residential Building" carried out by **ABZAL ANSARI (ISP19CV002)**, bonafied student of S.E.A College Of Engineering & Technology, in partial fulfilment for the award of **Bachelor of Engineering in Civil Engineering** of the Visvesvaraya Technological University, Belgaum during the year 2022-2023. 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 internship work prescribed for the said degree..

Mrs. Bhavana J

Signature of the Guide

Mr. Nishanth L

Signature of the H.O.D

Dr. B Venkatnarayan

Signature of the Principal

#### INTERNAL EXAMINER

1. BHAVANA J
2. Prof. Prabhakar N Nilgud

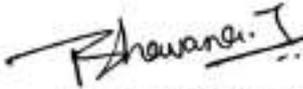
#### EXTERNAL EXAMINER

26/5/23  
26/5/23

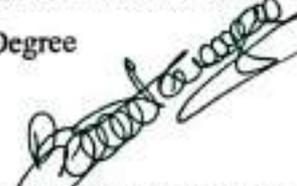
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## CERTIFICATE

Certified that the Internship Report titled "ROAD CONSTRUCTION" is carried out by MS,Jahnavi A USN:ISP19CV008 a bonafied student of SEA College of Engineering&Technology, KR Puram and Co.Anjaneya Badavane,Davanagere,, in partial fulfilment for the award of the degree of Bachelor of Engineering in Civil Engineering of Visvesvaraya Technological University, Belagavi during the year 2022-2023. It is certified that all the corrections suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said Degree

  
Mrs. BHAVANA J  
Internship/guide

  
Mr. NISHANTH L  
Associate Professor and Head

  
Dr. VENKATA NARAYANA  
Principal

Signature with date and seal:

### External Viva:

Name of the Examiners:

Signature with Date

1. BHAVANA-J
2. Prof - Anshant N Nilgud

 26/5/23  
Date 26/5/23

# S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY

BENGALURU -560049

(Affiliated to Visvesvaraya Technological University, Belagavi)



## DEPARTMENT OF CIVIL ENGINEERING

### CERTIFICATE

Certified that the internship entitled "Finishing work of a Commercial Building" carried out by **IRFAN AHMAD MIR (ISP17CV0012)**, bonafied student of S.E.A College Of Engineering & Technology, in partial fulfilment for the award of **Bachelor of Engineering in Civil Engineering** of the Visvesvaraya Technological University, Belgaum during the year 2022- 2023. 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 internship work prescribed for the said degree..

Mrs. Bhavana J

Signature of the Guide

Mr. Nishanth L

Signature of the H.O.D

Dr. B. Venkatnarayan

Signature of the Principal

#### INTERNAL EXAMINER

1. BHAVANA J
2. Prof Prashant H. Nilgaj

#### EXTERNAL EXAMINER

are (18) 28/5/23  
26/5/23

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka  
560049

## DEPARTMENT CIVIL ENGINEERING



### CERTIFICATE

Certified that the internship entitled “CONSTRUCTION OF FOOTING AND STRAP BEAM OF RESIDENTAL BUILDING” carried out by **Mr. AMAR KUMAR YADAV (ISP19CV003)**, Bonafede student of S.E.A College of Engineering & Technology, in partial fulfillment for the award of **Bachelor of Engineering** in Civil Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023 is certified that all corrections/suggestions indicated for internal report have been approved as it satisfies the academic requirements in respect of internship work prescribed for the said degree.

Signature of Guide

Mrs. Bhavana J

Signature of HOD

Dr. Nishanth L

Signature of Principal

Dr. B Venkata Narayana

EXTERNAL EXAMINER

1. BHAVANA J
2. Prof Prashant N Nityaj

Signature with Date

# S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY

BENGALURU -560049

(Affiliated to Visvesvaraya Technological University, Belagavi)



## DEPARTMENT OF CIVIL ENGINEERING

### CERTIFICATE

Certified that the internship entitled "Finishing work of a Residential Building" carried out by RAJU KUMAR YADAV (ISP19CV013), bonafied student of S.E.A College Of Engineering & Technology, in partial fulfilment for the award of Bachelor of Engineering in Civil Engineering of the Visvesvaraya Technological University, Belgaum during the year 2022- 2023. 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 internship work prescribed for the said degree..

Mrs. Bhavana J

Signature of the Guide

Mr. Nishanth L

Signature of the H.O.D

Dr. B Venkatnarayan

Signature of the Principal

#### INTERNAL EXAMINER

1. BHAVANA-J
2. Art Prachant. N Nithya

#### EXTERNAL EXAMINER

26/5/23  
26/5/23

**S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY**  
**BENGALURU -560049**

(Affiliated to Visvesvaraya Technological University, Belagavi)



**DEPARTMENT OF CIVIL ENGINEERING**

**CERTIFICATE**

Certified that the internship entitled "Finishing work of a Residential Building" carried out by **RAKSHITH RAHUL M U (ISP18CV014)**, bonafied student of S.E.A College Of Engineering & Technology, in partial fulfilment for the award of **Bachelor of Engineering in Civil Engineering** of the Visvesvaraya Technological University, Belgaum during the year 2022- 2023.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 internship work prescribed for the said degree..

**Mrs. Bhavana J**

Signature of the Guide  
Principal

**Mr. Nishanth E**

Signature of the H.O.D

**Dr. B Venkatnarayan**

Signature of the

**INTERNAL EXAMINER**

1. BHAVANA J 26/5/23
2. Prof Prashant N. Nitigad 26/5/23

**EXTERNAL EXAMINER**

**S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY  
BENGALURU -560049**

(Affiliated to Visvesvaraya Technological University, Belagavi)



**DEPARTMENT OF CIVIL ENGINEERING**

**CERTIFICATE**

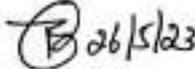
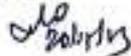
Certified that the internship entitled "**Finishing work of a Residential Building**" carried out by **MUKUND KUMAR YADAV (ISP19CV010)**, Bonafede student of S.E.A College Of Engineering & Technology, in partial fulfilment for the award of **Bachelor of Engineering in Civil Engineering** of the Visvesvaraya Technological University, Belgaum during the year 2022- 2023.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 internship work prescribed for the said degree.

Signature of Coordinator  
Asst. Prof. Bhavana J

Signature of HOD  
Mr. Nishanth L

Signature of Principal  
Dr. B Venketa Narayana

**INTERNAL EXAMINER**

1. BHAVANA-J 
2. Prof Prashant. N. Nigud 

**EXTERNAL EXAMINER**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU-560049

DEPARTMENT OF CIVIL ENGINEERING



## CERTIFICATE

Certified that the Internship Report on LAYOUT PLANNING AND ROAD CONSTRUCTION carried out by HARSHITH GOWDA PK (ISP19CV007) the bonafide student of S.E.A. College of Engineering and Technology, KR puram And Build Height, design and construction, Bengaluru as in partial fulfillment for the award of **Bachelor of Engineering in Civil Engineering**, Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all corrections/suggestions in dictated for internal assessment have been incorporated in the report deposited in the departmental library. The report has been approved as it satisfies the academic requirements on prescribed for the said degree.

Mrs. BHAVANA J

Assistant professor  
Dept of Civil engineering

Mr. NISHANTH. L

Head of the Department

Dr. B VENKATA NARAYANA

Principal

External Examiners

1. BHAVANA J

2. Prof. Prashant N Nitygal

Signature with date

26/5/23

26/5/23

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K.R. Puram, Bengaluru, Karnataka  
560049

## DEPARTMENT CIVIL ENGINEERING



### CERTIFICATE

Certified that the internship entitled "CONSTRUCTION OF RESIDENTIAL BUILDING" carried out by Mr. AASHNIKUMAR KHUMANTHEM (1SP19CV001), Bonafede student of S.E.A College of Engineering & Technology, in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering Department of the Visvesvaraya Technological University, Belgaum during the year 2022-2023 is certified that all corrections/suggestions indicated for internal report have been approved as it satisfies the academic requirements in respect of internship work prescribed for the said degree.

Signature of Guide

Asst.Prof. Bhavana J

Signature of HOD

Mr. Nishanth L

Signature of Principal

Dr. B Venkata Narayana

EXTERNAL EXAMINER

1. BHAVANA-J
2. Prof. Prashant N Nilgajal

Signature with Date

26/5/23  
04/20/1/13

**AN  
ORGANIZATIONAL STUDY  
ON  
BANASHANKARI CHEMICALS PVT LTD.**

**By  
ADARSHAKUMAR D C**

**(ISP21BA001)**

**Submitted To  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY,  
BELAGAVI**



**In partial fulfillment of requirement for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"**

**(2021-2023)**

**Under the guidance of  
Dr. S. B. ANILKUMAR  
HOD, DEP OF MBA SEACET**



**Department of Management studies – MBA  
S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY  
Ekta Nagar, Basavanapura, Virgonagar P.O, K R Puram Bangalore-560049**



**SOUTH EAST ASIAN EDUCATION TRUST (R)**  
**S.E.A. College of Engineering & Technology**

(Approved by All India Council for Technical Education (AICTE), New Delhi)  
Affiliated to Visvesvaraya Technological University (VTU), Belagavi, Recognised by Government of Karnataka)

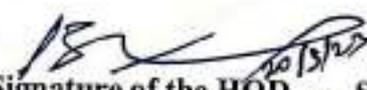
Date.....

05/12/2022

**CERTIFICATE**

This is to certify that **Adarshakumar D C** bearing **USN 1SP21BA001** is a bonafide student of Master of Business Administration batch **2021-2023** affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study in Banashankari Chemicals Pvt Ltd,**" is prepared by him under the guidance of **Dr. S B AnilKumar** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

  
Signature of the Internal Guide

  
Signature of the HOD

Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basaveshwari, Virgonagar Post,  
Bangalore - 560 049

  
Signature of the Principal

  
20/03/2023

**“AN ORGANISATIONAL STUDY ON ZETPEAK  
PRIVATE LIMITED”**

**By**

**ANUSHA.V**

**(1SP21BA002)**

Submitted to

**VISVESVARAYATECHNOLOGICALUNIVERSITY,  
BELAGAVI**



In Partial fulfillment of requirements for the award of the degree of  
“MASTER OF BUSINESS ADMINISTRATION”

**Under the guidance of**

**Dr. S. B. Anil Kumar**

HOD, Department of M.B.A

SEACET



**Department of MBA**

**S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY**

**EktaNagar, Basavanapura, virgonagar P.O, K. R. Puram,**

**Bangalore -560049**



**SOUTH EAST ASIAN EDUCATION TRUST (R)**  
**S.E.A. College of Engineering & Technology**

(Approved by All India Council for Technical Education (AICTE), New Delhi)  
Affiliated to Visvesvaraya Technological University (VTU), Belagavi, Recognised by Government of Karnataka)

Date.....  
05/12/2022

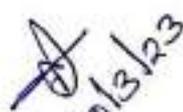
**CERTIFICATE**

This is to certify that **Anusha V** bearing **USN 1SP21BA002** is a bonafide student of Master of Business Administration batch **2021-2023**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study in Zetpeak Private Limited**" is prepared by her under the guidance of **Dr. S B Anil Kumar** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

  
Signature of the Internal Guide

  
Signature of the HOD  
Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Elka Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
Signature of the Principal

  
2013/23

**AN ORGANIZATION STUDY ON MAHAMANAVA ISPATH PVT LTD  
AT BALLARY**

**BY**

**BHAVANA.K**

**USN 1SP21BA003**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"**

**(2021-2023)**

**Under the guidance of**

**Dr. S.B. ANIL KUMAR**

**HEAD OF THE DEPARTMENT**



**Department of MBA**

**S.E.A College of Engineering & Technology**

**Ekta Nagar, Basavanapura Virgonagar P.O**

**K R Puram, Bangalore – 560**



**SOUTH EAST ASIAN EDUCATION TRUST (R)**  
**S.E.A. College of Engineering & Technology**

(Approved by All India Council for Technical Education (AICTE), New Delhi)  
Affiliated to Visvesvaraya Technological University (VTU), Belagavi, Recognised by Government of Karnataka)

Date.....

05/12/2022

**CERTIFICATE**

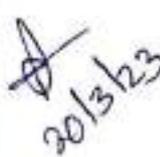
This is to certify that **Bhavana K** bearing **USN 1SP21BA003** is a bonafide student of Master of Business Administration batch **2021-2023**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study in Mahamanava Ispat Private Limited**" is prepared by her under the guidance of **Dr. S B Anil Kumar** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

  
Signature of the Internal Guide

  
Signature of the HOD

  
Signature of the Principal

Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Elka Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
20/12/23

**External Examiner**

**AN  
ORGANISATION STUDY ON ADITYA INDUSTRIES PVT LTD,  
BY  
DEEKSHITHA.S  
ISP21BA004  
SUBMITTED TO  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELGAVI-590018**



**In Partial Fulfilment of the Requirements for the Award of Degree of  
MASTER OF BUSINESS ADMINISTRATION  
(2021-2023)**

**UNDER THE GUIDENCE OF  
Dr. S.B. ANIL KUMAR  
H.O.D, Department of MBA  
SEACET**



**SEA COLLEGE OF ENGINEERING AND TECHNOLOGY  
(EKTANagar, Basavanapura Virdonagar (P), K R Puram, Banglore-560049)**



**SOUTH EAST ASIAN EDUCATION TRUST (R)**  
**S.E.A. College of Engineering & Technology**

(Approved by All India Council for Technical Education (AICTE), New Delhi)  
Affiliated to Visvesvaraya Technological University (VTU), Belagavi, Recognised by Government of Karnataka)

Date.....

05/12/2022

**CERTIFICATE**

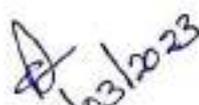
This is to certify that **Deekshitha S** bearing **USN ISP21BA004** is a bonafide student of Master of Business Administration batch **2021-2023**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study in Aditya Industries Private Limited,**" is prepared by her under the guidance of **Dr. S B Anil Kumarin** partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

  
Signature of the Internal Guide

  
Signature of the HOD

  
Signature of the Principal

Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekla Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
20/03/2023

**External Examiner**

**AN ORGANIZATION STUDY REPORT AT VOLVO GROUP INDIAN PVT LTD**

**BY**

**DHARSHINI S**

**(1SP21BA005)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of**

**“MASTER OF BUSINESS ADMINISTRATION”**

**(2021-2023)**

**Under the guidance of**

**Dr. S. B. Anil Kumar**

**HOD, Department of M,B,A**

**Sea college of Engineering & Technology**

**Bangalore**



**Department of Management studies -MBA**

**S.E.A College of Engineering & Technology**

**Ekta Nagar, Basavanapura Virgonagar P.O**

**K R Puram, Bangalore – 560049**

**(October 2022)**



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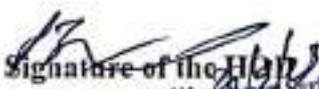
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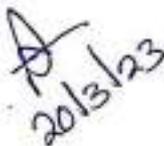
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This is to certify that **Dharshini S** bearing **USN ISP21BA005** is a bonafid student of Master of Business Administration batch **2021-2023**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study in olvo Group India Pvt Ltd.**" is prepared by her under the guidance of **Dr. S B A' Kumar** in partial fulfillment of the requirements for the award of the degree **Master of Business Administration** of Visvesvaraya Technological University, Belagavi Karnataka.

  
Signature of the Internal Guide

  
Signature of the Head of the Department of Management Studies  
Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
Signature of the Principal

  
20/13/23

**External Examiner**

An Organizational study at Joyal soft drinks

**"AN ORGANIZATIONAL STUDY AT SOFT DRINKS PRIVATE LIMITED"**

By

**FRANKLYN DIAS (ISP21BA006)**

Submitted to

**Visvesvaraya Technological University, Belagavi**



In partial fulfillment of requirements for the award of the degree

**"MASTER OF BUSINESS ADMINISTRATION"**

**(2021-2023)**

Under the guidance of

**Dr. priti Kumari**

**Professor Department of MBA**

**S.E.A College of Engineering and Technology**



**Department of Management Studies**

**S.E.A College of Engineering and Technology**

**Ekta Nagar, Basavanapura Virgonagar P.O.**

**K.R. Puram Bangalore – 560049**

**(December-2022)**

**DEPARTMENT OF MBA, SEACET**



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Date.....

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**CERTIFICATE**

This is to certify that **Franklyn Dias** bearing **USN ISP21BA006** is a bonafide student of Master of Business Administration batch **2021-2023**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study in Joyal Soft Drinks**," is prepared by **him** under the guidance of **Dr. Prity Kumari** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

*Prity Kumari*  
Signature of the Internal Guide

*[Signature]*  
Signature of the HOD

*[Signature]*  
Signature of the Principal

Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Eka Nadi, Ramaswamy Virgonagar Post,

*[Signature]*  
2013/23

**External Examiner**

**AN ORGANIZATION STUDY REPORT AT AIDDITION  
TECHNOLOGY PVT LTD**

**BY**

**GAGANA T. J**

**(ISP21BA007)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
“MASTER OF BUSINESS ADMINISTRATION”  
(2021-2023)**

**Under the guidance of**

**Dr. PREETHI KUMARI**

**Professor of MBA Department**

**S.E.A college of Engineering & Technology**

**Bangalore- 560049**



**Department of Management studies -MBA**

**S.E.A College of Engineering & Technology**

**Ekta Nagar, Basavanapura Virgonagar P.O**

**K R Puram, Bangalore - 560049**

**(December 2022)**



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05/12/2022

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This is to certify that **Gagana T J** bearing **USN 1SP21BA007** is a bonafide student of Master of Business Administration batch **2021-2023**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study In Aiddition Technology Private Limited,**" is prepared by her under the guidance of **Dr. Prity Kumari** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

*Prity Kumari*  
Signature of the Internal Guide

*[Signature]*  
Signature of the HOD  
Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

*[Signature]*  
Signature of the Principal

**External Examiner**

*[Signature]*  
20/12/23

**"AN ORGANIZATIONAL STUDY ON METRO CASH AND CARRY"**

**METRO**

BY

**GAYATHRI BAL. C**

**(ISP21BA008)**

Submitted to

**Visvesvaraya Technological University, Belagavi**



**In partial fulfillment of requirements for the award of the degree of**

**"MASTER OF BUSINESS ADMINISTRATION"**

**(2021-2023)**

**Under the guidance of**

**Internal Guide**

**Dr. prity kumari**

**Professor Department of MBA**

**S.E.A College of Engineering & Technology**



**Department of Management Studies**

**S.E.A College of Engineering & Technology**

**Ekta Nagar, Basavanapura Virgonagar P.O.**

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**(December 2022)**



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Date.....  
05/12/2022

**CERTIFICATE**

This is to certify that **Gayathri Bai C** bearing **USN 1SP21BA008** is a bonafide student of **Master of Business Administration** batch **2021-2023**, affiliated to **Visvesvaraya Technological University, Belagavi**. Internship report on "**Organizational Study at Metro Cash And Carry**," is prepared by her under the guidance of **Dr. Prity Kumari** in partial fulfillment of the requirements for the award of the **degree of Master of Business Administration** of **Visvesvaraya Technological University, Belagavi, Karnataka**.

*prity kumari*

Signature of the Internal Guide

*[Signature]* 08/12/23

Signature of the HOD

Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post  
Bangalore - 560 049

*[Signature]*

Signature of the Principal

PRINCIPAL  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post  
BANGALORE - 560 049

*[Signature]*  
20/03/23

External Examiner

**"AN ORGANISATIONAL STUDY AT HARITHA ENTERPRISES"**

**By**

**GEETHA SHREE M**

**(1SP21BA009)**

**Submitted to**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



**In Partial fulfilment of requirements for the award of the degree of**

**"MASTER OF BUSINESS ADMINISTRATION"**

**(2021-2023)**

**Under the guidance of**

**Dr. PRITY KUMARI**

**Professor, Department of MBA**



**Department of Management Studies**

**S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY**

**Ekta Nagar, Basavanapura, virgonagar P.O,**

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**(December-2022)**



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Date.....

05/12/2022

**CERTIFICATE**

This is to certify that Geetha Shree M bearing US 1SP21BA009 is a bonafide student of Master of Business Administration batch 2021-2023, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Haritha Enterprises" is prepared by her under the guidance of Dr. Prity Kumari in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

*Prity Kumari*  
Signature of the Internal Guide

*[Signature]* 05/12/23  
Signature of the HOD  
Head of the Department  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Bissavanapura, Virgonagar Post,  
Bangalore - 560 049

*[Signature]*  
Signature of the Principal

*[Signature]* 20/12/23  
External Examiner

**AN ORGANIZATION STUDY ON CORETEC ENGINEERING**

**INDIA PVT LTD**

**BY**

**GOWTHAM V**

**(ISP21BA010)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of**

**“MASTER OF BUSINESS ADMINISTRATION”**

**(2021-2023)**

**Under the guidance of**

**Mrs. KASTURI B.S**

**Assistant Professor of MBA Department**

**S.E.A college of Engineering & Technology**

**Bangalore- 560049**



**Department of Management studies -MBA**

**S.E.A College of Engineering & Technology**

**Ekta Nagar, Basavanapura Virgonagar P.O**

**K R Puram, Bangalore – 560049**

**(December 2022)**



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Date.....

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**CERTIFICATE**

This is to certify that **Gowtham V** bearing **USN 1SP21BA010** is a bona fide student of Master of Business Administration batch **2021-23**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study at C-Steel Engineering India Private Limited**" is prepared by him under the guidance of **Dr. Kasturi B Sin** partial fulfillment of the requirements for the award of the degree **Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.**

Signature of the Internal Guide

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Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Eka Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

Signature of the Principal

**External Examiner**

20/3/23

# An organizational study on Bhoo Developers

AN ORGANIZATIONAL STUDY REPORT AT BHOO DEVELOPERS

BY

HEMANTH KUMAR. A  
(ISP21BA011)

SUBMITTED TO

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM



In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"  
(2021-2023)

Under the guidance of

Mrs. KASTURI .B.S

Assistant Professor of MBA Department

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S.E.A College of Engineering & Technology

Ekta Nagar, Basavanapura Virgonagar P.O

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(October 2022)



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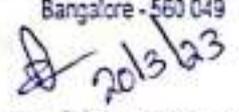
This is to certify that **Hemanth Kumar A** bearing USN 1SP21BA011 is a bonafide student of Master of Business Administration batch 2021-23, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Bhoo Developer" is prepared by him under the guidance of Mrs. Kasturi B S in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

Signature of the Internal Guide

  
Signature of the HOD

Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
Signature of the Principal

  
External Examiner

AN ORGANIZATION STUDY AT STTC

**"AN ORGANISATINAL STUDY AT SHRIRAM TRANSPORT FINANCE"**

by

**JAYA SHREE D**

**15P21BA012**

submitted to

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



In partial fulfilment of the requirements for the award of degree of

**"MASTER OF BUSINESS ADMINISTRATION"**

**(2021-2022)**

UNDER THE GUIDANCE OF

INTERNAL GUIDE

**Mrs. Kasturi B.S**

*Assistant professor, department of MBA*

**SEACET**



Department of Master of Business Administration MBA

**SEA COLLEGE OF ENGINEERING AND TECHNOLOGY**

**Ekta Nagar, Basavanapura (K R Puram) Bangalore - 560046, India**

**(December 2022)**



**SOUTH EAST ASIAN EDUCATION TRUST (R)**  
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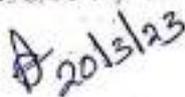
This is to certify that Jayashree D bearing USN 1SP21BA012 is a bonafide student of Master of Business Administration batch 2021-23, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Shriram Transport Finance Company Ltd" is prepared by her under the guidance of Mrs. Kasturi B S in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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Signature of the HOD

20/12/23  
Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Extra Nagar, Saravananagar, Virgonagar Post,

  
Signature of the Principal

  
20/12/23  
External Examiner

**An Organizational study at Decathlon**

**AN ORGANIZATION STUDY REPORT AT DECATHLON**

**BY**

**KEERTHI LAKSHMI T S**

**(ISP21BA013)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"  
(2021-2023)**

**Under the guidance of**

**Mrs. KASTURI E**

**Assistant Professor of MBA Department**

**SEA college of Engineering & Technology**

**Bangalore-56004**



**Department of Management studies -MBA**

**S.E.A College of Engineering & Technology**

**Ekta Nagar, Basavanapura Virgonagar P.O**

**K R Puram, Bangalore – 560049**

**(December 2022)**

**DEPARTMENT OF MBA, SEACET**



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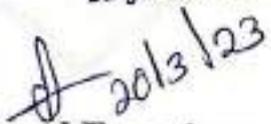
**CERTIFICATE**

This is to certify that **Keerthi Lakshmi T S** bearing **USN 1SP21BA013** is a bonafide student of Master of Business Administration batch 2021-23, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Decathlon" is prepared by her under the guidance of Mrs. Kasturi B S in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

  
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Head of the Department  
S.E.A. College of Engineering & Technology  
Ekla Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
Signature of the Principal

  
External Examiner

AN ORGANIZATIONAL STUDY ON SRI BIHARATH PARADISE BUILDERS



BY

**MALLELA VENKATA LAVANYA**

**(ISP21BA014)**

SUBMITTED TO

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



In partial fulfilment of the requirements for the award of the degree of

**“MASTER OF BUSINESS ADMINISTRATION”**

**(2021-2022)**

Under the guidance of

**Mrs. KASTURI L.S**

Assistant Professor of MBA Department  
S.E.A College of Engineering & Technology  
Bangalore



Department of Management studies -MBA  
S.E.A College of Engineering & Technology  
Ekta Nagar, Basavanapura Virgonagar P.O  
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(December - 2022)



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05/12/2022

**CERTIFICATE**

This is to certify that Mallela Venkata Lavanya bearing U.I.D. 1SP21BA014 is a bonafide student of Master of Business Administration batch 2021-22 affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Sri Bharath Paradise Builders" is prepared by her under the guidance of Mrs. Kasturi B S in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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Signature of the Principal

HOD of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Eka Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

External Examiner

**AN ORGANIZATION STUDY REPORT AT CENTUM  
ELECTRONICS LTD  
BY  
MEGHANA V.K  
(ISP21BA015)  
SUBMITTED TO  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"  
(2021-2023)**

**Under the guidance of**

**Mrs. KASTURIBAI**

**Assistant Professor of MBA Department  
S.E.A College of Engineering & Technology  
Bangalore- 560049**



**Department of Management studies -MBA  
S.E.A College of Engineering & Technology  
Ekta Nagar, Basavanapura Virgonagar P.O  
K R Puram, Bangalore - 560049  
(December 2022)**



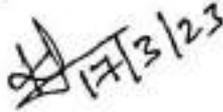
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05/12/2022

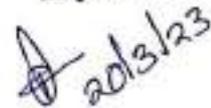
**CERTIFICATE**

This is to certify that Meghana V K bearing USN 1 021BA015 is a bonafide student of Master of Business Administration batch 2021-23, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Centum Electronics Limited" is prepared by her under the guidance of Mrs. K. S. B S in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

  
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Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
Signature of the Principal

  
External Examiner

AN ORGANIZATIONAL STUDY ON MUTHOOT FINANCE LTD



BY

PAVAN G N

(ISP21BA016)

SUBMITTED TO

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM



In partial fulfilment of the requirements for the award of the degree of

**"MASTER OF BUSINESS ADMINISTRATION"**

(2021-2023)

Under the guidance of

Mrs. KASTURI B.S

Assistant Professor of MBA Department

S.E.A College of Engineering & Technology

Bangalore



Department of Management studies -MBA

S.E.A College of Engineering & Technology

Ekta Nagar, Basavanapura Virgo Nagar P.O

K R Puram, Bangalore – 560049

(December 2022)

DEPT OF MBA, SEACET, BANGALORE



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Date.....

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This is to certify that Pavan G N bearing USN 1SP21BA016 is a bonafide student of Master of Business Administration batch 2021-23, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Muthoot Finance Ltd" is prepared by him under the guidance of Mrs. Kasturi B S in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

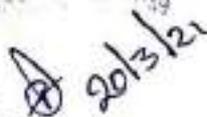
  
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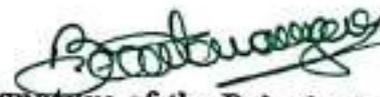


Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post,

Bangalore - 560 049

  
20/3/21

External Examiner

  
Signature of the Principal

**AN ORGANIZATIONAL STUDY AT SLV CONCRETE PRIVATE LIMITED**  
**BY**

**PAVITHRA.G**

**(ISP21BA017)**

Submitted to

Visvesvaraya Technological University, Belagavi



In partial fulfilment of requirements for the award of the degree of

**“MASTER OF BUSINESS ADMINISTRATION”**

(2021-2023)

Under the guidance of

**Mrs. KASIBABU B.S**

Assistant Professor Department of MBA

S.E.A College of Engineering & Technology



Department of Management Studies

S.E.A College of Engineering & Technology

Ekta Nagar, Basavanapura Virgonagar P.O. K. R. Puram Bangalore



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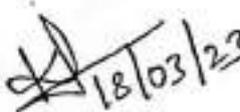
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Date.....

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This is to certify that Pavithra G bearing USN ISP21BA is a bonafide student of Master of Business Administration batch 2021-2023, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at SLV Concrete Pvt Ltd" is prepared by her under the guidance of Mrs. Karri B S in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

  
Signature of the Internal Guide

  
Signature of the HOD  
Head of the Department of Business Administration  
S.E.A. College of Engineering & Technology  
Ekla Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
Signature of the Principal

**External Examiner**

**AN ORGANIZATIONAL STUDY AT BADVE ENGINEERING LIMITED**

**BY**

**PAVITHRA K.M**

**(1SP21BA018)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the  
degree of**

**"MASTER OF BUSINESS ADMINISTRATION"**

**(2021-2023)**

**Under the guidance of**

**Mrs. KASTURI B.S**

**Assistant Professor of Mechanical Department**

**S.E.A College of Engineering & Technology Bangalore**



**Department of Management studies -MBA**

**S.E.A College of Engineering & Technology**

**Ekta Nagar, Basavanapura Virgonagar P.O**

**K R Puram, Bangalore – 560049**

**(December - 2022)**



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Date: 12/12/2022.....

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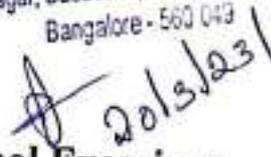
This is to certify that Pavithra K M bearing USN ISP21BA018 is a bonafide student of Master of Business Administration batch 2021-2023, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Badve Engineering Limited" is prepared by her under the guidance of of Mrs. Kasturi B S in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
Signature of the Principal

  
External Examiner

**“AN ORGANISATIONAL STUDY AT FOOD CREATIONS PVT LTD”**

**BY**

**PRAMOD Y.S**

**(ISP21BA019)**

**Submitted to**

**Visvesvaraya Technological University, Belagavi**



**In partial fulfillment of the requirement for the award of the degree of**

**“MASTER OF BUSINESS ADMINISTRATION”**

**(2021-2023)**

**UNDER THE GUIDANCE OF**

**INTERNAL GUIDE**

**Mrs. .S. LISY**

**Assistant Professor, Department of MBA,**

**S.E.A college of Engineering and Technology**



**Department of Management studies**

**S.E.A College of Engineering and Technology**

**Ekta Nagar, Basavanapura virgonagar P.O.**

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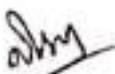
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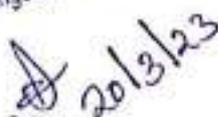
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This is to certify that **Pramod Y S** bearing **USN ISP21BA019** is a bonafide student of Master of Business Administration batch **2021-2023**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study at Food Creations Pvt Ltd**" is prepared by him under the guidance of **Mrs. S Lisy** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

  
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S.E.A. College of Engineering & Technology  
Exta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
Signature of the Principal

  
External Examiner  
20/12/23

**AN ORGANIZATIONAL STUDY REPORT AT ACCLAIM MOTORS PVT LTD**

**BY**

**PRASHANTH . S**

**(ISP21BA020)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of**

**“MASTER OF BUSINESS ADMINISTRATION”**

**(2021-2022)**

**Under the guidance of**

**Mrs. S.L.S.**

**Assistant Professor of MBA Department**

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**Bangalore-560049**



**Department of Management studies -MBA**

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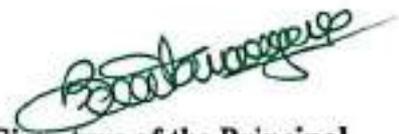
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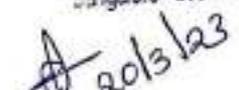
**CERTIFICATE**

This is to certify that Prashanth S bearing USN 1SP21BA020 is a bonafide student of Master of Business Administration batch 2021-23, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Acclaim Motors Private Limited" is prepared by him under the guidance of Mrs. S Lisy in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

  
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Elisavasanapura, Virgo Nagar Post,  
Bangalore - 560 049

  
Signature of the Principal

  
External Examiner

**"AN ORGANIZATIONAL STUDY AT ALL SEASON SUPER MARKET"**

By

**PRAVEENA S**

**(ISP21BA021)**

Submitted to

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



In Partial fulfillment of requirements for the award of the degree of

**"MASTER OF BUSINESS ADMINISTRATION"**

**(2021-2023)**

Under the guidance of

**Mrs. S. LISY**

**Assistant Professor, Department of MBA**



**SEACET**

**Department of Management studies –MBA**

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**(December 2022)**



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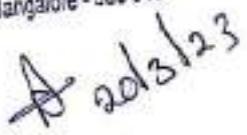
**CERTIFICATE**

This is to certify that Praveena S bearing USN 1SP21BA021 is a bonafide student of Master of Business Administration batch 2021-23, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at All Season Super Market" is prepared by her under the guidance of Mrs. S Lisy in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

  
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Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
Signature of the Principal

  
External Examiner

**"AN ORGANISATIONAL STUDY ON GK PAVEMENTS PVT, LTD"**

By

**REVATHI MN**

**(ISP21BA022)**

Submitted to

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAVI**



**In Partial fulfillment of requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"**

Under the guidance of

**Mrs. S LISY**

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**CERTIFICATE**

This is to certify that **Revathi M N** bearing USN **SP21BA022** is a bonafide student of Master of Business Administration batch **2021-23**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study at G K Pavements Private Limited**" is prepared by her under the guidance of **Mrs. S Lisy** in partial fulfillment of the requirements for the award of the degree **Master of Business Administration** of Visvesvaraya Technological University, Belagavi, Karnataka.

*S. Lisy*  
17/12/22

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*[Signature]*  
12/12/22

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Head of the Department of Management Studies  
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Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

*[Signature]*

Signature of the Principal

*[Signature]*  
20/12/22

External Examiner

An organizational study at Sunshine Enterprises

**AN ORGANISATIONAL STUDY REPORT AT SUNSHINE ENTERPRISES**

**BY**

**SAM JOSHUA J**

**(ISP21BA023)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of**

**“MASTER OF BUSINESS ADMINISTRATION”**

**( 2021-2023)**

**Under the guidance of**

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**Bangalore-560049**



**Department of Management studies -MBA**

**S.E.A College of Engineering & Technology**

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**Department of MBA, SEACET**



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This is to certify that **Sam Joshua J** bearing **USN 1SP21BA023** is a bonafide student of Master of Business Administration batch 2021-2023, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Sunshine Enterprises" is prepared by him under the guidance of Mrs. S Lisy in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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Bangalore - 560 049

20/12/23

External Examiner

Signature of the Principal

**"AN ORGANIZATIONAL STUDY AT PRALO TECH SOLUTIONS LLP"**

By

**SANNI KUMAR**

**JHA**

**(ISP21BA024)**

Submitted to

**Visvesvaraya Techno' al University, Belagavi**



In partial fulfillment of requirements for the award of the degree of

**"MASTER OF BUSINESS ADMINISTRATION"**

**(2021-2023)**

Under the guidance of

**Mrs. LISY.**

**Assistant Professor Department of MBA**

**S.E.A College of Engineering and Technology**



**Department of Management Studies**

**S.E.A College of Engineering and Technology**

**Ekta Nagar, Basavanapura Virgonagar P.O.**

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**(December-2022)**

**DEPARTMENT OF MBA SEA COLLEGE**



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This is to certify that **Sanni Kumar Jh** bearing **USN 1SP21BA024** is a bonafide student of Master of Business Administration batch **2021-2023**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study at Pralotech Solutions**" is prepared by him under the guidance of **Mrs. S Lisy** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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Bangalore - 560 049

External Examiner

Signature of the Principal

**AN ORGANIZATIONAL STUDY AT STORK SYSTEMS AND  
PROJECT PVT LTD**

**BY**

**SHRAVANI N M**

**(ISP21BA025)**

**Submitted to**

**Visvesvaraya Technological University, Belagavi**



**In partial fulfilment of requirements for the award of the degree of**

**“MASTER OF BUSINESS ADMINISTRATION”**

**(2021-2023)**

**Under the guidance of**

**Internal Guide**

**Mrs. S.LISY**

**Assistant Professor Department of MBA**

**S.E.A College of Engineering & Technology**



**Department of Management Studies**

**S.E.A College of Engineering & Technology**

**Ekta Nagar, Basavanapura, Virgonagar P.O. K. R. Puram ,Bangalore**



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Date.....

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This is to certify that Shravani N M bearing USN 1SP21BA025 is a bonafide student of Master of Business Administration batch 2021-2023, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Stork Systems & Projects Pvt Ltd" is prepared by her under the guidance of Mrs. S Lisy in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

Signature of the Principal

External Examiner

**A Report**  
**On Organizational study conducted at**  
**SHAHI EXPORTS PRIVATE LIMITED BANGALORE**

**BY**  
**SHIWETHA C**  
**1SP21BA026**



**Submitted to**  
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY. BELGUAM**  
**In partial fulfilment of the requirements for the award of the degree of**  
**“MASTER OF BUSINESS ADMINISTRATION”**

**(2021-2023)**

**Under the guidance of**

**INTERNAL GUIDE**

**Mrs. S LISY**  
**Assistant Professor**  
**S.E.A CET**

**EXTERNAL GUIDE**

**Mr. MAHESH V**  
**AGM HR**  
**Shahi Exports pvt. Ltd,**



**Department of Management studies-MBA**  
**S.E.A College of & Technology**  
**Ekta Nagar Basavanapura Virgonagar Post**  
**K R Puram, Bangalore- 560049**  
**(October 2022)**



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This is to certify that **Shwetha C** bearing **USN 1SP21BA026** is a bonafide student of Master of Business Administration batch (2021-23), affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study in Shahi Exports Private Limited**" is prepared by her under the guidance of **Mrs. S Lisyin** partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

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Head of the Department of Management Studies  
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EKta Nagar Post, Virgonagar Post,  
Bangalore - 560 049

Signature of the Principal

External Examiner

**AN ORGANIZATIONAL STUDY REPORT AT CHOWKI SERVICES  
PRIVATE LIMITED**

**BY**

**SRILAXMI  
(ISP21BA027)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfillment of the requirements for the award of the degree of  
“MASTER OF BUSINESS ADMINISTRATION”  
(2021-2023)**

**Under the guidance of**

**Mrs. S. Lisy**

**Assistant Professor of MBA Department  
S.E.A. College of Engineering & Technology  
Bangalore.**



**Department of Management studies -MBA  
S.E.A College of Engineering & Technology  
Ekta Nagar, Basavanapura Virgonagar P.O  
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(October 2022)**



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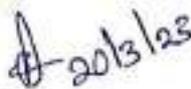
**CERTIFICATE**

This is to certify that **Srilaxmi** bearing **USN ISP21BA027** is a bonafide student of Master of Business Administration batch (2021-23), affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Chowdi service private limited" is prepared by her under the guidance of **Mrs. S Lisy** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

  
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Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Eklur Main Road, Belagavi, Karnataka  
Belagavi Post,

  
Signature of the Principal

  
External Examiner



---

**"AN ORGANIZATIONAL STUDY AT INDO AUTOTECH LTD U-5"**

BY

SRINATHA K C

(1SP21BA028)

SUBMITTED TO

VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELAGAVI



In Partial fulfillment of requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"

(2021-2023)

Under the guidance of  
Mrs. Navyashree H N  
Assistant professor, MBA



SEACET

Department of MBA

**S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY**

EKTA Nagar, Basavanapura Virdonagar P.O

K R Puram, Bangalore – 560049

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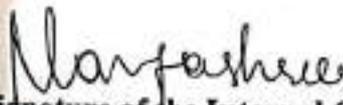
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05/12/2022

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This is to certify that **Srinatha K C** bearing **USN ISP21BA028** is a bonafide student of Master of Business Administration batch **2021-2023**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study at Indo AutoTech Ltd**" is prepared by him under the guidance of **Mrs. Navyashree H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

  
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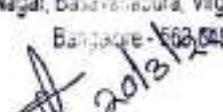
  
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Signature of the Principal

Head of the Department of Management Studies  
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Ekta Nagar, Basavanapura, Virgonagar Post  
Bangalore - 560 049

**PRINCIPAL**

**SEA College of Engineering & Technology**  
Ekta Nagar, Basavanapura, Virgonagar Post  
**BANGALORE - 560 049**

  
External Examiner

**“AN ORGANIZATIONAL STUDY AT HORIZON PACKS PVT LTD”**

**By**

**SUSHMA K L**

**(ISP21BA029)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



**In Partial fulfilment of requirements for the award of the degree of**

**“MASTER OF BUISNESS ADMINISTRATION”**

**(2021-2023)**

**Under the guidance of**

**Mrs. NAVYASHREE H N**

**Assistant professor, Department of MBA**

**S.E.A college of Engineering & Technology**

**Bangalore-- 560049**



**Department of Management studies-MBA**

**S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY**

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**Bangalore-560049**



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05/12/2022

**CERTIFICATE**

This is to certify that **Sushma K L** bearing **USN 1SP21BA029** is a bonafide student of Master of Business Administration batch **2021-2023**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study at Horizon Packs Private Limited**" is prepared by her under the guidance of **Mrs. Navyashree H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

*Navyashree*

Signature of the Internal Guide

*[Signature]*  
Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
20/12/2022  
Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

Signature of the HOD

*[Signature]*

Signature of the Principal

*[Signature]*  
20/12/2022  
External Examiner

**“AN ORGANIZATIONAL STUDY AT NIS MANAGEMENT LIMITED”**



By

**TANISHA MAITY**

**(1SP21BA030)**

Submitted to

**Visvesvaraya Technological University, Belagavi**



**In partial fulfillment of requirements for the award of the degree of**

**“MASTER OF BUSINESS ADMINISTRATION”**

**(2021-2023)**

**Under the guidance of**

**Mrs. Navyashree H.N.**

**Assistant Professor Department of MBA**

**S.E.A College of Engineering & Technology**



**Department of Management Studies**

**S.E.A College of Engineering & Technology**

**Ekta Nagar, Basavanapura Virgonagar P.O.**

**K. R. Puram Bangalore – 560049**

**(December-2022)**



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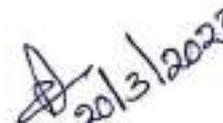
**CERTIFICATE**

This is to certify that **Tanisha Maity** bearing **USN ISP21BA030** is a bonafide student of Master of Business Administration batch (2021-23), affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study at NIS Management Limited**" is prepared by **her** under the guidance of **Mrs. Navyashree H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

  
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Ekta Nagar, Basavanapura, Virgonagar Post  
BANGALORE

An Organizational Study at Sunil Agro Foods Limited.



**"AN ORGANIZATIONAL STUDY AT SUNIL AGRO FOODS LIMITED"**

By

**THEJASHREE R**

**(ISP21BA031)**

Submitted to

**Visvesvaraya Technological University, Belagavi**



**In partial fulfillment of requirements for the award of the degree of**

**"MASTER OF BUSINESS ADMINISTRATION"**

**(2021-2023)**

**Under the guidance of**

**Mrs. Navyashree H.N.**

**Assistant Professor Department of MBA**

**S.E.A College of Engineering and Technology**



**Department of Management Studies**

**S.E.A College of Engineering and Technology**

**Ekta Nagar, Basavanapura Virgonagar P.O.**

**K.R. Puram Bangalore – 560049**

**(December-2022)**



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Date.....

05/12/2022

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This is to certify that **Theja Shree R** bearing **USN 1SP21BA031** is a bonafide student of Master of Business Administration batch **2021-2023**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study at Sunil Agro Foods Limited**" is prepared by her under the guidance of **Mrs. Navyashree H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

*Navyashree.*

Signature of the Internal Guide

*[Signature]* 19/12/23

Signature of the HOD  
Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

*[Signature]*

Signature of the Principal

*[Signature]* 20/12/2022

External Examiner



**"AN ORGANIZATIONAL STUDY AT BIG BASKET"**

**BY**

**UMA MAHESHWARI.S**

**(1SP21BA032)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELAGAVI**



**In Partial fulfillment of requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"**

**(2021-2023)**

**Under the guidance of**

**Mrs. NAVYASHREE H N**

**Assistant professor, MBA**

**SEACET**



**Department OF MBA**

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**(NOVEMBER, 2022)**



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This is to certify that **Uma Maheshwari S** bearing USN 1SP21BA032 is a bonafide student of Master of Business Administration batch 2021-2023, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Innovative Retails Concept Pvt Ltd" is prepared by her under the guidance of Mrs. Navyashree H N in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

*Navyashree*  
Signature of the Internal Guide

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Head of the Department of Management Studies  
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Bangalore - 560 049

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External Examiner

An Organizational Study at Medopharm

**“AN ORGANISATIONAL STUDY AT MEDOPHARM PRIVATE LIMITED”**

By

**VEENA S**

**(ISP21BA033)**

Submitted to

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



In Partial fulfillment of requirements for the award of the degree of

**“MASTER OF BUSINESS ADMINISTRATION”**

**(2021-2023)**

Under the guidance of

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**SEA College of Engineering and Technology**

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**(December-2022)**

**DEPARTEMENT OF MBA SEA COLLEGE**



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Date.....

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This is to certify that **Veena S** bearing **USN 1SP21BA033** is a bonafide student of Master of Business Administration batch **2021-2023**, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "**Organizational Study at Medopharm Private Limited**" is prepared by her under the guidance of **Mrs. Navyashree H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

*Navyashree.*  
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Head of the Department of Management Studies  
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Bangalore - 560 049

*[Signature]*  
Signature of the Principal

*[Signature]* 20/12/23  
External Examiner

**AN ORGANIZATIONAL STUDY AT VTS TE AIR SYSTEMS PVT LTD**

---

**“AN ORGANIZATIONAL STUDY AT VTS TE AIR SYSTEMS PVT LTD”**

By

**VISHNU J S**

**(ISP21BA034)**

Submitted to

**Visvesvaraya Technological University, Belagavi**



**In partial fulfillment of requirements for the award of the degree of**

**“MASTER OF BUSINESS ADMINISTRATION”**

**(2021-2023)**

**Under the guidance of**

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**Mrs. Navya shree H.N.**

**Assistant Professor Department of MBA**

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This is to certify that Vishnu J S bearing USN 1SP21BA034 is a bonafide student of Master of Business Administration batch 2021-23, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at VTS TF Air Systems Pvt Ltd" is prepared by him under the guidance of Mrs. Navyashree H N in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

*Navyashree*  
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Head of the Department of Management  
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Bangalore - 560 049

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Signature of the Principal

*[Signature]* 20/3/23  
External Examiner

**AN ORGANIZATIONAL STUDY AT KOMUL**

**AN ORGANISATIONAL STUDY ON KOLAR DISTRICT CO-OPERATIVE MILK  
PRODUCERS SOCIETIES UNION LTD"**

**By**

**VIVEK S**

**(ISP21BA035)**

**Submitted to**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



**In Partial fulfilment of requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"**

**(2021-2023)**

**Under the guidance of**

**Mrs. NAVYASHREE H N**

**Assistant Professor, Department of MBA**



**Department of Management Studies**

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**(December-2022)**



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**CERTIFICATE**

This is to certify that Vivek S bearing USN 1SP21BA035 is a bonafide student of Master of Business Administration batch 2021-23, affiliated to Visvesvaraya Technological University, Belagavi. Internship report on "Organizational Study at Kolar District Co-Operative Milk Producers Societies Union Ltd" is prepared by him under the guidance of Mrs. Navyashree H N in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi, Karnataka.

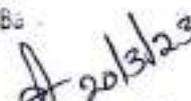
  
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Bangalore - 560 049

  
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PRINCIPAL

SEA College of Engineering & Technology  
Ekte Nagar, Basavanapura, Virgonagar Post,  
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External Examiner

**“AN ORGANISATIONAL STUDY AT ORIENT BELL LIMITED”  
BY**

**ZAIBA SULTHANA**

**(ISP21BA036)**

**Submitted to**

**Visvesvaraya Technological University, Belagavi**



**In partial fulfillment of the requirement for the award of the degree of**

**“MASTER OF BUSINESS ADMINISTRATION”**

**(2022-2023)**

**UNDER THE GUIDANCE OF**

**INTERNAL GUIDE**

**Mrs. Navyashree H. N**

**Asst Prof. Department of MBA**

**S.E.A college of Engineering and technology**



**Department of Management studies**

**S.E.A College of Engineering and Technology**

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**(December 2023)**



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Date.....

05/12/2022

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This is to certify that **Zaiba Sulthana** bearing **USN ISP21BA036** is a bonafide student of **Master of Business Administration** batch **2021-2023**, affiliated to **Visvesvaraya Technological University, Belagavi**. Internship report on "**Organizational Study at Orient belt limited**" is prepared by her under the guidance of **Mrs. Navyashree H N** in partial fulfillment of the requirements for the award of the degree of **Master of Business Administration** of **Visvesvaraya Technological University, Belagavi, Karnataka**.

*Navyashree*

Signature of the Internal Guide

*[Signature]*

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Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Virgonagar Post,  
560 049

*[Signature]*

Signature of the Principal

*[Signature]*

External Examiner

2013/23

**A PROJECT REPORT  
ON  
“A STUDY ON EFFECTIVENESS OF TIME MANAGEMENT AT  
BANASHANKARI CHEMICALS PRIVATE LIMITED”**

**BY  
ADARSHAKUMAR D C**

**(ISP21BA001)**

**SUBMITTED TO  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
“MASTER OF BUSINESS ADMINISTRATION”**

**Under the guidance of**

**INTERNAL GUIDE**

**Mrs. NAVYASHREE H N**

**Assistant Professor of MBA Department**

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**Bangalore- 560049**

**EXTERNAL GUIDE**

**Mr. JANARDHAN**

**HR Manger**

**BANASHANKARI**

**CHEMICALS PVT LTD**



**Department of Management studies -MBA  
S.E.A College of Engineering & Technology  
Ekta Nagar, Basavanapura Virgonagar P.O  
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**(2023)**



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ef.

Date 29/5/2023

**CERTIFICATE**

This is to certify that **ADARSHAKUMAR D C** bearing USN **1SP21BA001** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **HR "A STUDY ON EFFECTIVENESS OF TIME MANAGEMENT AT BANASHANKARI CHEMICALS PRIVATE LIMITED"** is prepared by **him** under the guidance of **MRS NAVYASHREE H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

*Navyashree*  
Signature of the Internal Guide

*[Signature]*  
Signature of the HOD  
Head of the Department of Management Studies  
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Bangalore - 560 049

*[Signature]*  
Signature of the Principal  
**PRINCIPAL**  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post  
**BANGALORE - 560 049**

*M/9/11/23*

A PROJECT REPORT

ON

"A STUDY ON IMPACT OF COMPENSATION AND BENEFITS ON EMPLOYEE PERFORMANCE TO GOKALDAS IMAGES PVT. LTD., BENGALURU"

Submitted By

ANUSHA V.  
(ISP21BA002)

Submitted to

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



In partial fulfillment of the requirement for the award of the degree of

"MASTER OF BUSINESS ADMINISTRATION"

(2021-2023)

Under the Guidance of

INTERNAL GUIDE

Mrs. NAVYA SHREE HN

Assistant professor of Dept of MBA

Sea college of engineering and technology

EXTERNAL GUIDE

Mr. Sameer Sudarshan RV

Company Secretary

Gokaldas Images Pvt. Ltd



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Ekta Nagar, Bangalore

K.R Puram, Bengaluru- 560049

(May, 2023)





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Date 29/5/2023

**CERTIFICATE**

This is to certify that **ANUSHA V** bearing USN **ISP21BA002** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **HR "A STUDY ON IMPACT OF COMPENSATION AND BENEFITS ON EMPLOYEE PERFORMANCE AT GOKALDAS IMAGES PVT LTD"** is prepared by her under the guidance of **MRS NAVYASHREE H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

*Navyashree*  
Signature of the Internal Guide

*Prity Kumari*  
Signature of the HOD

*[Signature]*  
Signature of the Principal

SEA College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post  
BANGALORE - 560 049

Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

A

PROJECT REPORT ON

"A STUDY ON EMPLOYEE WELFARE MEASURE WITH SPECIAL REFERENCE OF  
NON-MONETARY BENEFITS AT APOLLO POWER  
SYSTEM PVT LTD"

BY

**BHAVANA K**

**(ISP21BA003)**

Submitted to

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAUM**



In Partial fulfilment of requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"

Under the guidance of

INTERNAL GUIDE

**Ms. NAVYASHREE**

Professor OF MBA Department

S.E.A college of engineering and technology

EXTERNAL GUIDE

**Mr. BASAVARAJA**

HR Manager

Apollo Power System Pvt Ltd



Department of Management Studies -MBA  
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K R Puram, Bangalore -560049





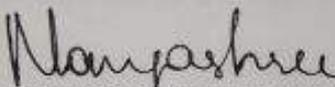
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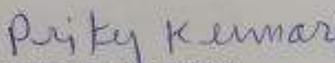
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Date.. 29/5/2023

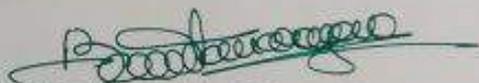
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This is to certify that **BHAVANA K** bearing **USN 1SP21BA003** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **HR "A STUDY ON EMPLOYEE WELFARE MEASURES AT APOLLO POWER SYSTEM PVT LTD"** is prepared by **her** under the guidance of **Mrs NAVYASHREE H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

  
Signature of the Internal Guide

  
Signature of the HOD

Head of the Department of Management Studies  
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Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
Signature of the Principal

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SEA College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post  
BANGALORE - 560 049

**"A STUDY ON ORGANIZATIONAL CULTURE REFERENCE TO EMPLOYEE  
MORAL AT CIPLA Ltd"**

BY

**DEEKSHITHA.S**

**(1SP21BA004)**

Submitted to

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAUM**



In Partial fulfilment of requirements for the award of the degree of

**"MASTER OF BUSINESS ADMINISTRATION"**

Under the guidance of

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**NAVYASHREE.H N**

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**EXTERNAL GUIDE**

**MR. Virender Singh**

Director-Human Resources

Cipla ltd



**Department of Management studies -MBA  
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Ekta Nagar, Basavanapura, virgonagar P.O,  
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Date: 29/05/2023

**CERTIFICATE**

This is to certify that **DEEKSHITHA S** bearing **USN ISP21BA004** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **HR "A STUDY ON ORGANIZATIONAL CULTURE REFERENCE TO EMPLOYEE MORAL AT CIPLA LTD"** is prepared by her under the guidance of **Mrs NAVYASHREE H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

*Navyashree*  
Signature of the Internal Guide

*[Signature]*  
Signature of the HOD

5/9/23  
Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post,  
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*[Signature]*  
Signature of the Principal  
PRINCIPAL  
SEA College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post  
BANGALORE - 560 049

*M*  
9/9/23

**A PROJECT REPORT**  
**ON**  
**“A STUDY ON WORKING CAPITAL MANAGEMNT AT TRENT**  
**HYPERMARKET PRIVATE LIMITED’**

**BY**  
**DHARSHINI. S**  
**(ISP21BA005)**  
**SUBMITTED TO**  
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of**  
**“MASTER OF BUSINESS ADMINISTRATION”**

**Under the guidance of**

**INTERNAL GUIDE**

**Dr .PRITY KUMARI**  
**Professor of MBA Department**  
**S.E.A college of Engineering & Technology**  
**Bangalore- 560049**

**EXTERNAL GUIDE**

**Mr. NINGARAJU.K**  
**Assistant Manger- HR**  
**Trent Hypermarket**  
**Private Limited**  
**Hoskote**



**Department of Management studies -MBA**  
**S.E.A College of Engineering & Technology**  
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Date 29.15.2023

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This is to certify that **DHARSHINI S** bearing **USN 1SP21BA005** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **FINANCE "A STUDY ON WORKING CAPITAL MANAGEMENT AT TRENT HYPERMARKET PRIVATE LIMITED"** is prepared by her under the guidance of **Dr PRITY KUMARI** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

*Prity Kumari*

Signature of the Internal Guide

*[Signature]*  
01/12/23

Signature of the HOD

Head of the Department of Management Studies  
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Elka Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

*[Signature]*

Signature of the Principal

*[Signature]*  
**B. Sireesha**

**A PROJECT REPORT  
ON  
“A STUDY ON THE EFFECTIVENESS OF THE  
DISTRIBUTION CHANNEL WITH REFERENCE TO DIVINE  
CASHEW INDUSTRY”**

**BY  
FRANKLYN DIAS  
(ISP21BA006)  
SUBMITTED TO  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI**



**In partial fulfilment of the requirements for the award of the degree of  
“MASTER OF BUSINESS ADMINISTRATION”**

**Under the guidance of**

**INTERNAL GUIDE**

**ASSOCIATE PROFESSOR**

**Dr. S.B ANIL KUMAR  
DEPARTMENT OF MBA**

**EXTERNAL GUIDE**

**Mr.SURESH KUMAR**

**Marketing Manager**

**Devine cashew industry**

**Belthangady**



**Department of -MBA  
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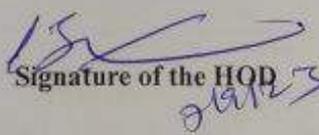
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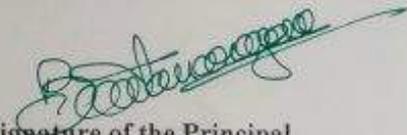
Date.....

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This is to certify that **FRANKLYN DIAS** bearing **USN 1SP21BA006** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **MARKETING" A STUDY ON EFFECTIVENESS OF THE DISTRIBUTION CHANNEL WITH REFERENCE TO DIVINE CASHEW INDUSTRY"** is prepared by **him** under the guidance of **Dr S B ANIL KUMAR** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

  
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Signature of the HOD

  
Signature of the Principal

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**PRINCIPAL**  
S.E.A. College of Engineering & Technology  
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BANGALORE - 560 049

M/ 9/11/23

**A PROJECT REPORT  
ON  
“A STUDY ON RISK AND RETURN ANALYSIS AT SWASTIKA  
INVESTMART”**

**BY**

**GAGANA T. J.**

**(1SP21BA007)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
“MASTER OF BUSINESS ADMINISTRATION”**

**Under the guidance of**

**INTERNAL GUIDE**

**Dr. PRITY KUMARI**

**Professor of MBA Department**

**S.E.A college of Engineering & Technology**

**Bangalore- 560049**

**EXTERNAL GUIDE**

**Mr. PANKAJ KUMAR**

**Branch Manger-**

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**Limited**

**Bangalore**



**Department of Management studies -MBA  
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**(2023)**





# SOUTH EAST ASIAN EDUCATION TRUST (R) S.E.A. College of Engineering & Technology

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of.

Date 29/05/2023

## CERTIFICATE

This is to certify that **GAGANA T J** bearing **USN 1SP21BA007** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **FINANCE "A STUDY ON RISK AND RETURN ANALYSIS AT SWASTIKA INVESTMART"** is prepared by her under the guidance of **Dr PRITY KUMARI** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

*Prity Kumari*  
Signature of the Internal Guide

*Prity Kumari*  
Signature of the HOD

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*B. Sireesha*

*Cambridge Institute of Tech*

A PROJECT REPORT  
ON  
"A STUDY ON WORK LIFE BALANCE AT SPAR  
HYPERMARKET"  
BY  
GAYATHRI BAI .C  
(1SP21BA008 )  
SUBMITTED TO  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM



In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"

under the guidance of

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Signature of the Principal

*M* 9/11/23

**A PROJECT REPORT  
ON  
“A STUDY ON EMPLOYEE RETENTION STRATEGIES AT METRO  
CASH AND CARRY INDIA PRIVATE LTD”**

**BY  
GEETHA SHREE. M**

**(ISP21BA009)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of**

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**Assistant Manager - HR**

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**(MAY, 2023)**





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Date..29.15.2023

## **CERTIFICATE**

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*Navyashree.*

Signature of the Internal Guide

*[Signature]*

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Head of the Department of *Master's Studies*  
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**PRINCIPAL**  
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BANGALORE - 560 049

*M* *9/11/23*

**A PROJECT REPORT  
ON  
“A STUDY ON A FACTORS OF INFLUENCE EMPLOYEES  
INTENTION TO LEAVE THEIR JOB AT QUESS CORP  
LIMITED”**

**BY**

**GOWTHAM V**

**(ISP21BA010)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
“MASTER OF BUSINESS ADMINISTRATION”**

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**HR Manger**

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Date... 29/5/2025

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This is to certify that **GOWTHAM V** bearing **USN 1SP21BA010** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **HR "A STUDY ON FACTORS OF INFLUENCING EMPLOYEE INTENTION TO LEAVE THEIR JOB AT GUESS CORP LIMITED"** is prepared by **him** under the guidance of Mrs. **NAVYASHREE H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

*Navyashree*  
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Signature of the Principal  
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Bangalore - 560 049

56/23  
SEA College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post  
BANGALORE - 560 049

**A PROJECT REPORT  
ON  
“A STUDY ON THE EFFECTIVENESS OF THE  
BRAND BUILDING WITH DIGITAL MARKETING TOWARDS  
SALES WITH SPECIAL REFERENCE TO MARUTHI SUZUKI LTD”**

**BY**

**HEMANTH KUMAR A**

**(ISP21BA011)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



**In partial fulfilment of the requirements for the award of the degree of  
“MASTER OF BUSINESS ADMINISTRATION”**

**Under the guidance of**

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Date.....

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This is to certify that **HEMANTH KUMAR A** bearing **USN ISP21BA011** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **MARKETING "A STUDY ON EFFECTIVENESS OF BRAND BUILDING WITH DIGITAL MARKETING TOWARDS SALES AT MARUTHI SUZUKI LTD"** is prepared by him under the guidance of **Dr S B ANIL KUMAR** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

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SEA College of Engineering & Technology  
Eka Nagar, Basavanapura, Virgonagar Post  
BANGALORE - 560 049

**A PROJECT REPORT**  
**ON**  
**"A STUDY ON EFFECTIVENESS OF SKILL DEVELOPMENT INITIATIVE AT**  
**AIRCRAFT DIVISION, HINDUSTAN AERONAUTICS LIMITED"**

**BY**

**Jaya Shree D.**  
**(1SP21BA012)**

**Submitted to**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



**In partial fulfillment of the requirement for the award of the degree of**  
**"MASTER OF BUSINESS ADMINISTRATION"**  
**(2021-2023)**

**Under the Guidance of**

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Date 29/5/2023

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This is to certify that **JAYA SHREE D** bearing USN ISP21BA012 is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on HR "A STUDY ON EFFECTIVENESS OF SKILL DEVELOPMENT INITIATIVE AT AIRCRAFT DIVISION" is prepared by her under the guidance of Mrs. NAVYASHREE H N in partial fulfilment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

*Navyashree*  
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Signature of the Principal

*M* 29/5/23

**"A PROJECT REPORT ON CUSTOMER SATISFACTION TOWARDS YEZDI JAWA  
BIKES WITH SPECIAL REFERENCE TO WHITEFIELD YEZDI"**

**BY**

**KEERTHI LAKSHMI T S**

**(ISP21BA013)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"**

**Under the guidance of**

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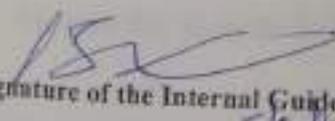
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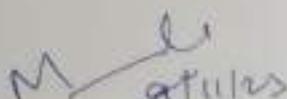
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Signature of the Principal  
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BANGALORE - 560 049

  
M. Arul

**A PROJECT REPORT  
ON  
"A STUDY ON CUSTOMER PERCEPTION AND SATISFACTION TOWARDS  
SALES AFTER SERVICES AT  
SRI BHARATH PARADISE BUILDERS**

**BY  
MALLELA VENKATA LAVANYA**

**ISP21BA014**

**Submitted to**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**

**In partial fulfilment of the requirements for the award of the degree of**

**MASTER OF BUSINESS ADMINISTRATION**



**Under the guidance of**

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**Nagi Reddy  
Owner  
Sri Bharath Paradise Builders**



**DEPARTMENT OF MBA  
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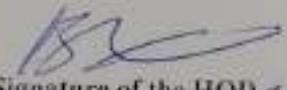
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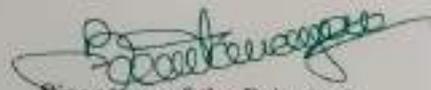
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11/2/2023

**A PROJECT REPORT  
ON  
“A STUDY ON EFFECTIVENESS OF EMPLOYEE TRAINING  
AND DEVELOPMENT AT VARSHA ASSOCIATES”**

**BY**

**MEGHANA V.K.**

**(1SP21BA015)**

**SUBMITTED TO**

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*M N*  
*alabs*

**“A PROJECT REPORT ON PERFORMANCE OF GOLD LOAN AND IT'S IMPACTS  
ON PROFITABILITY”**

**AT MUTHOOT FINANCE LTD**

**BY**

**PAVAN G N**

**(1SP21BA016)**

Submitted to

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAUM**



In Partial fulfilment of requirements for the award of the degree of

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**Under the guidance of**

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**A PROJECT REPORT**  
**ON**  
**“A STUDY ON EMPLOYEES ABSENTEEISM AND ATTRITION**  
**AT KARNATAKA SOAPS AND DETERGENTS”**  
**BY**  
**PAVITHRA.G**  
**(1SP21BA017)**  
**SUBMITTED TO**  
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of**  
**“MASTER OF BUSINESS ADMINISTRATION”**

**Under the guidance of**

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**Assistant Professor of MBA Department**  
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**Bangalore– 560049**

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**Mrs. B.H.Annapurna**  
**Branch Manger**  
**Gokul extension**



**Department of Management studies -MBA**  
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This is to certify that **PAVITHRA G** bearing **USN ISP21BA017** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **HUMAN RESOURCE "A STUDY ON EMPLOYEES ABSENTEEISM AND ATTRITION AT KARNATAKA SOAPS AND DETERGENTS"** is prepared by her under the guidance of **Prof. NAVYASHREE H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

*Navyashree*  
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**A PROJECT REPORT  
ON  
“A STUDY ON WAGES AND SALARY  
ADMINISTRATION AT MEDOPHARM”**

**BY**

**PAVITHRA KM**

**(1SP21BA018)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
“MASTER OF BUSINESS ADMINISTRATION”**

**Under the guidance of**

**INTERNAL GUIDE**

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**Assistant Professor of MBA Department**

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**EXTERNAL GUIDE**

**Mrs. NARAYANMURTHY**

**HR Manger**

**MEDOPHARM**

**MALUR**



**Department of Management studies -MBA  
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Date 29/5/2025

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This is to certify that **PAVITHRA K M** bearing **USN ISP21BA018** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **HR "A STUDY ON WAGES AND SALARY ADMINISTRATION AT MEDOPHARM PVT LTD"** is prepared by **her** under the guidance of **Mrs. NAVYASHREE H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

*Navyashree*  
Signature of the Internal Guide

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Signature of the HOD  
*u/ale/3*

*[Signature]*  
Signature of the Principal

Head of the Department of Management Studies  
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*M* 21/11/25

**A PROJECT REPORT  
ON  
“A STUDY ON ANALYSIS OF THE FACTORS THAT INFLUENCE  
CONSUMER DECISION MAKING PROCESS WITH REFERENCE  
TO MAHINDRA TRACTORS”**

**BY  
PRAMOD.YS**

**1SP21BA019**

**Submitted to**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**

**In partial fulfilment of the requirements for the award of the degree of**

**MASTER OF BUSINESS ADMINISTRATION**



**Under the guidance of**

**INTERNAL GUIDE**

**Dr. S B Anil Kumar  
Associate Professor & HOD  
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**EXTERNAL GUIDE**

**Mr. Sathish Kumar  
Team leader  
Mahindra Tractors,**



**DEPARTMENT OF MBA**

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**2023**



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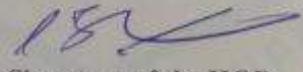
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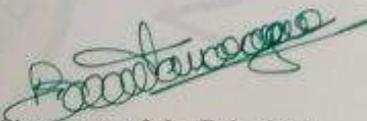
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**A PROJECT REPORT**  
**ON**  
**“A STUDY ON IMPACT OF DIGITAL MARKETING TOWARDS TWO-WHEELER**  
**SALES WITH SPECIAL REFERENCE TO DHRUVDESH HONDA BY**  
**PRASHANTH S 1SP21BA020**

**Submitted to**  
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**

In partial fulfilment of the requirements for the award of the degree of  
**MASTER OF BUSINESS ADMINISTRATION**



**Under the guidance of**

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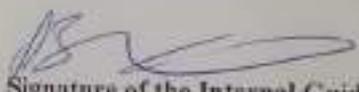
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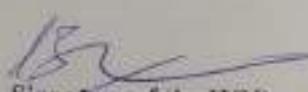
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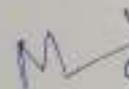
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9/11/23

**A PROJECT REPORT  
ON  
“A STUDY ON CUSTOMER PERCEPTION TOWARDS ALL SEASON  
SUPERMARKET”**

**BY**

**PRAVEENA S**

**(1SP21BA021)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of**

**“MASTER OF BUSINESS ADMINISTRATION”**

**Under the guidance of**

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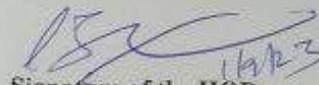
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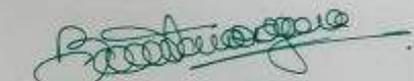
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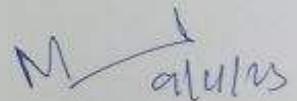
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**“A PROJECT REPORT ON PERFORMANCE EVALUATION OF MUTUAL FUNDS AT HDFC BANK”**

BY

**REVATHI MN  
(1SP21BA022)**

Submitted to

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAUM**



In Partial fulfilment of requirements for the award of the degree of  
**“MASTER OF BUSINESS ADMINISTRATION”**

Under the guidance of

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Date.. 29/5/2023

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This is to certify that **REVATHI M N** bearing **USN 1S21BA022** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **FINANCE "A STUDY ON PERFORMANCE EVALUTION OF MUTUAL FUNDS AT HDFC BANK"** is prepared by her under the guidance of Dr **PRITY KUMARI** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

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B. Sireesha  
Assi. Prof

Cambridge Institute of Technology.

**"A PROJECT REPORT ON CLIENT EXPERIENCE AND SATISFACTION BEFORE  
AND AFTER B2B SERVICE WITH SPECIAL REFERENCE TO SUNSHINEE  
ENTERPRISES"**

**BY**

**SAM JOSHUA J**

**(ISP21BA023)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"**

**Under the guidance of**

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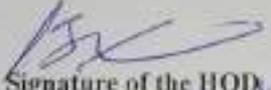
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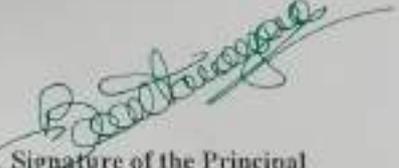
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SEA College of Engineering & Technology  
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BANGALORE - 560 049

A PROJECT REPORT  
ON  
"A STUDY ON CUSTOMER SATISFACTION TOWARDS FLIPKART  
DELIVERY"

BY  
SANNI KUMAR JHA

(ISP21BA024)

SUBMITTED TO

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM



In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"

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MR. BALAJI Manager

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**A PROJECT REPORT**  
**ON**  
**“A STUDY ON IMPACT OF REMUNERATION ON EMPLOYEE’S ATTITUDE AND**  
**PERFORMANCE AT STORK SYSTEMS AND PROJECT PVT LTD”**  
**BY**  
**SHRAVANI N M**  
**(ISP21BA025)**  
**SUBMITTED TO**  
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



In partial fulfilment of the requirements for the award of the degree of  
**“MASTER OF BUSINESS ADMINISTRATION”**  
**(2021 – 2023)**

Under the guidance of

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*Navyashree*  
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15/5/23

A PROJECT REPORT  
ON  
"A STUDY ON CUSTOMERS RELATIONSHIP MANAGEMENT AT  
RELIANCE JIO INFOCOMM LIMITED"

BY  
SHWETHA C  
1SP21BA026

Submitted to  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
In partial fulfilment of the requirements for the award of the degree of  
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Under the guidance of

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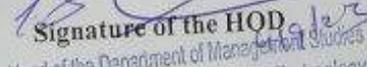
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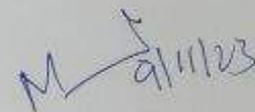
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M  
9/11/23

**“A PROJECT REPORT ON SMART STAFF MANAGEMENT AT  
WORKEK SOLUTIONS AND SERVICES PVT LTD”**

**BY**

**SRILAXMI**

**(ISP21BA027)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
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**Under the guidance of**

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**Mrs. NAVYA SHREE H N**

**Assistant Professor of MBA Department**

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**Bangalore- 560049**

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**MR. SURAJ**

**HR Manger**

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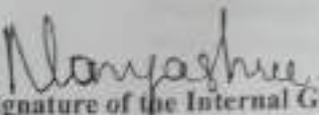
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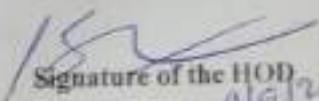
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Date 29/05/2023

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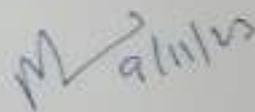
  
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**A PROJECT REPORT  
ON  
"A STUDY ON EMPLOYEES MOTIVATIONAL FACTORS AT  
NEEL METAL PRODUCTS LIMITED"**

**BY  
SRINATHA K C  
(ISP21BA028)  
SUBMITTED TO  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"**

**Under the guidance of**

**INTERNAL GUIDE**

**Mrs. NAVYASHREE H N  
Assistant Professor of MBA  
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**EXTERNAL GUIDE**

**Mr. MOHAN KUMAR K N  
HR department  
NMPL  
Narsapura - 563101**



**Department of Management studies -MBA  
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Ekta Nagar, Basavanapura Virgonagar P.O  
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**SOUTH EAST ASIAN EDUCATION TRUST (R)**  
**S.E.A. College of Engineering & Technology**

(Approved by All India Council for Technical Education (AICTE), New Delhi)  
Affiliated to Visvesvaraya Technological University (VTU), Belagavi, Recognised by Government of Karnataka)

Date: 27/5/2023

**CERTIFICATE**

This is to certify that **SRINATHA K C** bearing USN 1SP21BA028 is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on HR "A STUDY ON EMPLOYEES MOTIVATIONAL FACTORS AT NEEL METAL PRODUCTS LTD" is prepared by him under the guidance of Mrs. **NAVYASHREE H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

*Navyashree*  
Signature of the Internal Guide

*[Signature]*  
Signature of the HOD | 23  
04/9/23

*[Signature]*  
Signature of the Principal

Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

**“A PROJECT REPORT  
ON ROLE OF INSURANCE IN MINIMIZING BUSINESS RISK AT  
ICICI PRUDENTIAL LIFE INSURANCE COMPANY”**

**BY**

**SUSHMA K L**

**(1SP21BA029)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
“MASTER OF BUSINESS ADMINISTRATION”**

**Under the guidance of**

**INTERNAL GUIDE**

**Dr. PRITY KUMARI**

**Assistant Professor of MBA**

**S.E.A college of Engineering & Technology**

**Bangalore- 560049**

**EXTERNAL GUIDE**

**Mr. SHEKAR R**

**Department Manger**

**ICICI**



**Department of Management studies -MBA  
S.E.A College of Engineering & Technology  
Ekta Nagar, Basavanapura Virgonagar P.O  
K R Puram, Bangalore - 560049**



**SOUTH EAST ASIAN EDUCATION TRUST (R)**  
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Affiliated to Visvesvaraya Technological University (VTU), Belagavi, Recognised by Government of Karnataka)

Date 29/05/23

**CERTIFICATE**

This is to certify that **SUSHMA K L** bearing **USN ISP21BA029** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **FINANCE "ROLE OF INSURANCE IN MINIMIZING BUSINESS RISK AT ICICI PRUDENTIAL LIFE INSURANCE COMPANY"** is prepared by her under the guidance of **Dr PRITY KUMARI** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

*Prity Kumari*  
Signature of the Internal Guide

*[Signature]*  
Signature of the HOD

*[Signature]*  
Signature of the Principal  
PRINCIPAL

Head of the Department of Management Studies  
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Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

*[Signature]*  
B. Sireesha

Ekta Nagar, Near Ayyappanagar Circle, Devasandra Main Road, Virgonagar Post, K.R. Puram, Bangalore - 560 049, INDIA

Phone : 080-29730681, 7353945999

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PROJECT REPORT (20MBAPR407)

ON

“A STUDY ON RECRUITMENT & SELECTION PROCESS AT NOWPURCHASE”



By

TANISHA MAITY

(ISP21BA030)

Submitted to

Visvesvaraya Technological University, Belagavi



In partial fulfillment of requirements for the award of the degree of

“MASTER OF BUSINESS ADMINISTRATION”

(2021-2023)

Under the guidance of

Internal Guide

Mrs. Navyashree H.N.

Assistant Professor Department of MBA

S.E.A College of Engineering & Technology

External Guide

Mrs. Shrota Hazra Choudhury

Human Resource Manager-People Lead

NowPurchase (Biz Hero Pvt. Ltd.)



Department of Management Studies

S.E.A College of Engineering & Technology

Ekta Nagar, Basavanapura Virgonagar P.O.

K. R. Puram Bangalore – 560049

(May 2023)



**SOUTH EAST ASIAN EDUCATION TRUST (R)**  
**S.E.A. College of Engineering & Technology**

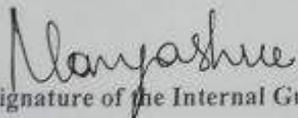
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Ref.

Date 29/05/2023

**CERTIFICATE**

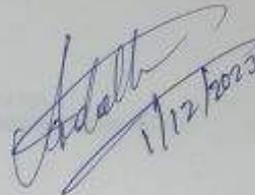
This is to certify that **TANISHA MAITY** bearing USN 1SP21BA030 is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **HR "A STUDY ON RECRUITMENT AND SELECTION PROCESS AT NOWPURCHASE"** is prepared by her under the guidance of **Mrs. NAVYASHREE H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

  
Signature of the Internal Guide

  
Signature of the HOD  
31/5/23

  
Signature of the Principal

Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekla Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
11/12/2023

**A PROJECT REPORT  
ON  
"A STUDY ON PERFORMANCE APPRAISAL AT  
SUNIL AGRO FOODS LIMITED"**

**BY  
THEJASHREE R  
(ISP21BA031)  
SUBMITTED TO  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"**

**Under the guidance of**

**INTERNAL GUIDE**

**Mrs. NAVYA SHREE H N  
Assistant Professor of MBA Department  
S.E.A college of Engineering & Technology  
Bangalore- 560049**

**EXTERNAL GUIDE**

**Mrs. GAYATHRI  
HR Manger  
SAFL  
Hosakote**



**Department of Management studies -MBA  
S.E.A College of Engineering & Technology  
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SOUTH EAST ASIAN EDUCATION TRUST (R)

# S.E.A. College of Engineering & Technology

(Approved by All India Council for Technical Education (AICTE), New Delhi)

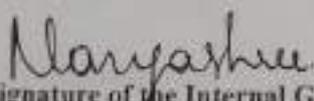
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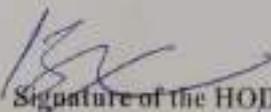
Ref.

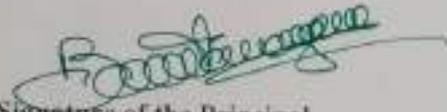
Date 29/05/2023

## CERTIFICATE

This is to certify that **THEJASHREE R** bearing USN 1SP21BA031 is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **HR "A STUDY ON PERFORMANCE APPRAISAL AT SUNIL AGRO FOODS LTD"** is prepared by her under the guidance of Mrs. NAVYASHREE H N in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

  
Signature of the Internal Guide

  
Signature of the HOD  
14/5/23  
Head of the Department of Management Studies  
S.E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

  
Signature of the Principal

A PROJECT REPORT  
ON  
"A STUDY ON EMPLOYEE PERCEPTION TOWARDS  
ORGANIZATIONAL CHANGE AT ITI LIMITED"

BY

UMA MAHESHWARI S

(1SP21BA032)

SUBMITTED TO

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM



In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"

Under the guidance of

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Mrs NAVYASHREE H N

Assistant Professor of MBA department

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EXTERNAL GUIDE

Mr RONY ESTIBEIRO

Head of the HR-ED CENTRE

ITI LIMITED

Bangalore-560016



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(MAY, 2023)



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Ref.

Date 29/05/2023

**CERTIFICATE**

This is to certify that **UMA MAHESHWARI S** bearing USN 1SP21BA032 is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on HR "A STUDY ON EMPLOYEE PERCEPTION TOWARDS ORGANIZATIONAL CHANGE AT ITI LIMITED" is prepared by her under the guidance of Mrs. NAVYASHREE H N in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

*Navyashree*  
Signature of the Internal Guide

*[Signature]*  
Signature of the HOD

*[Signature]*  
Signature of the Principal  
PRINCIPAL

Head of the Department of Management Studies  
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Bangalore - 560 049

S.E.A. College of Engineering & Technology  
Eka Nagar, Basavanapura, Virgonagar Post  
BANGALORE - 560 049

**A PROJECT REPORT**

**ON**

**"A STUDY ON STRESS MANAGEMENT AND ITS IMPACT ON EMPLOYEE PERFORMANCE  
AT KOLAR-CHIKKABALLAPURA DISTRICT CO-OPERATIVE MILK PRODUCER'S  
SOCIETIES UNION LTD,"**

**BY**

**VEENA S**

**ISP21BA033**

**Submitted to**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



In partial fulfilment of the requirements for the award of the degree of

**"MASTER OF BUSINESS ADMINISTRATION:**

**Under the guidance of**

**INTERNAL GUIDE**

**Mrs. NAVYASHREE H N**

Associate Professor of MBA Department

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**EXTERNAL GUIDE**

**Mr. NAGESH N**

HR Manager

KOMUL (KOLAR)



**DEPARTMENT OF MBA**

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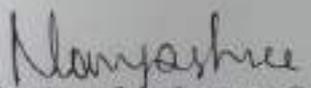
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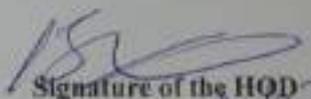
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Date 29/05/2023

**CERTIFICATE**

This is to certify that **VEENA S** bearing **USN 1SP21BA033** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **HR "A STUDY ON STRESS MANAGEMENT AND ITS IMPACT ON EMPLOYEE PERFORMANCE AT KOMUL"** is prepared by her under the guidance of Mrs. **NAVYASHREE H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

  
Signature of the Internal Guide

  
Signature of the HOD  
9/9/23

  
Signature of the Principal  
PRINCIPAL

Head of the Department of Management Studies  
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Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

SEA College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post  
BANGALORE - 560 049

**A PROJECT REPORT  
ON  
"A STUDY ON CONSUMER SATISFACTION TOWARDS  
VTS PRODUCTS"**

**BY**

**VISHNU J S**

**(ISP21BA034)**

**SUBMITTED TO**

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



**In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"**

**Under the guidance of**

**INTERNAL GUIDE**

**Dr. S.B ANIL KUMAR**

**Associate Professor & HOD**

**MBA Department**

**EXTERNAL GUIDE**

**Mr. SURESH KUMAR**

**Marketing Manger**

**VTS AIR SYSTEM PVT LTD**

**DEVANAGONDHI**



**Department of MBA**

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Date.....

## CERTIFICATE

This is to certify that **VISHNU J S** bearing **USN ISP21BA034** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **MARKETING "A STUDY ON CONSUMER SATISFACTION TOWARDS VTS PRODUCTS"** is prepared by him under the guidance of **Dr S B ANIL KUMAR** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

Signature of the Internal Guide

Signature of the HOD

Signature of the Principal

Head of the Department of Management Studies  
SEA College of Engineering & Technology  
Ekliz Nagar, Basavanapura, Virgonagar Post,  
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SEA College of Engineering & Technology  
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Ekliz Nagar, Near Ayyappanagar Circle, Devasandra Main Road, Virgonagar Post, K.R. Puram, Bangalore - 560 049, INDIA  
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**A PROJECT REPORT  
ON  
"A STUDY ON EMPLOYEE JOB SATISFACTION"**

**BY  
VIVEK S  
(1SP21BA035)**

**SUBMITTED TO  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**



**In partial fulfilment of the requirements for the award of the degree of  
"MASTER OF BUSINESS ADMINISTRATION"**

**Under the guidance of**

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**Mrs. NAVYASHREE H N  
Assistant Professor of MBA Department  
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**EXTERNAL GUIDE**

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HR Manger  
Indo Autotech ltd U-5  
Narasapura**



**Department of Management studies -MBA  
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Ekta Nagar, Basavanapura Virgonagar P.O  
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**(2023)**



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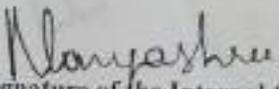
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Date 29/5/2023

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This is to certify that **VIVEK S** bearing **USN 1SP21BA035** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **HR "A STUDY ON EMPLOYEE JOB SATISFACTION AT INDO AUTOTECH LTD U S"** is prepared by her under the guidance of Mrs. **NAVYASHREE H N** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

  
Signature of the Internal Guide

  
Signature of the HOD  
Head of the Department of Management  
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Signature of the Principal  
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**BANGALORE - 560 049**

M 9/5/23

A PROJECT REPORT  
ON  
"A STUDY ON EFFECTIVENESS OF  
EMPLOYEES ENGAGEMENT AT  
ORIENT BELL LIMITED"  
BY  
ZAIBASULTHANA  
(ISP21BA036)  
SUBMITTED TO  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM



In partial fulfillment of the requirements for the award of the degree  
of "MASTER OF BUSINESS ADMINISTRATION"

Under the guidance of

INTERNAL GUIDE

Mrs. NAVYA SHREE H N  
Assistant Professor of MBA Department  
S.E.A college of Engineering & Technology  
Bangalore- 560049

EXTERNAL GUIDE

Narayana G.K  
HR Manger  
Orient Bell Ltd.  
Hoskote



Department of Management studies -MBA  
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(Approved by All India Council for Technical Education (AICTE), New Delhi)  
Affiliated to Visvesvaraya Technological University (VTU), Belagavi, Recognised by Government of Karnataka)

Ref.

Date: 29/05/2023

**CERTIFICATE**

This is to certify that **ZAIBA SULTHANA** bearing **USN 1SP21BA036** is a bonafide student of Master of Business Administration course of the institute (2021-2023), affiliated to Visvesvaraya Technological University, Belagavi. Project report on **HR "A STUDY ON EFFECTIVENESS OF EMPLOYEES ENGAGEMENT AT ORIENT BELL LTD"** is prepared by her under the guidance of **Mrs. NAVYASHREE H** in partial fulfillment of the requirements for the award of the degree of Master of Business Administration of Visvesvaraya Technological University, Belagavi Karnataka.

*Navyashree*  
Signature of the Internal Guide

*B. N. N. N.*  
Signature of the HOD  
Head of the Department of Management Studies  
& E.A. College of Engineering & Technology  
Ekta Nagar, Basavanapura, Virgonagar Post,  
Bangalore - 560 049

*S. S. S. S.*  
Signature of the Principal

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAUM, KARNATAKA-590014**



A final year Project Phase I report on

**“Intrusion Detection for Secure Social Internet of Things  
Based on Collaborative Edge Computing”**

Submitted in Partial fulfillment of the requirements for the 3<sup>rd</sup> semester

**MASTER OF TECHNOLOGY**

IN

**COMPUTER SCIENCE AND ENGINEERING**

By

**AADARSH THAKUR** 1SP21SCS01

Under the guidance of:

**Asst. Prof. B. L. Jayakumar**

Dept. of CSE



Department of Computer Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgo Nagar Post, K. R. Puram, Bengaluru, Karnataka 560077



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the project work entitled "**Intrusion Detection for Secure Social Internet of Things Based on Collaborative Edge Computing**" has been successfully carried out by **Mr. Aadarsh Thakur (ISP21SCS01)** of III semester in partial fulfillment for the award of Master of Technology in Computer Science and Engineering of the Visvesvaraya Technological University, Belgaum during the year 2023.

The project report has been approved as it satisfied the academic requirement in respect of the Project work prescribed for the Bachelor of Engineering.

Signature of Guide

Asst. Prof. B.L. Jayakumar

Signature of HOD

Dr. B. Loganayagi

Signature of Principal

Dr. B. Venkata Narayana

Signature of Internal Examiner

Signature of External Examiner

VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAU, KARNATAKA-590014



A Project report on

**“Network Impingement Detection and  
Countermeasures Election”**

submitted in fulfilment of the requirement for the award of the  
degree of

**MASTER OF TECHNOLOGY**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**

By

**AADARSH THAKUR**

**ISP21SCS01**

**Under the guidance of**

**Prof. B.L. JAYAKUMAR**

**Dept. of CSE**



**Department of Computer Science and Engineering**

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar Post, K. R. Puram, Bengaluru, Karnataka  
560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify that the project work titled "NETWORK IMPINGEMENT DETECTION AND COUNTERMEASURES ELECTION" has been successfully completed by AADARSH THAKUR (ISP21SCS01) in partial fulfillment for the award of **Master of Technology in Computer Science and Technology** of the Visvesvaraya Technological University, Belgaum, during the year 2023. The project report has been approved as it meets the academic requirements in respect of the Project work prescribed for the Master of Technology degree.

  
Signature of Guide  
25/9/23  
Prof. B.E. Jayakumar

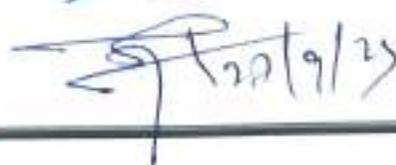
  
Signature of HOD  
25/9/23  
Prof. Sukesh H.A

  
Signature of Principal  
Dr. B Venkata Narayana

Name of Examiner

1. Dr. L. Manimash
2. B.E. Jayakumar

Signature with Date

  
20/9/23  
  
20/9/23

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI**



An Internship report on

**“EMPLOYEE SOURCE MANAGEMENT”**

Submitted in partial fulfilment of the requirements for the 3<sup>rd</sup> semester

**MASTER OF TECHNOLOGY**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**

By

**AADARSH THAKUR    ISP21SCS01**

Under the guidance

Of

**Asst. Prof. B.L. JAYAKUMAR**



Department of Computer Science and Engineering

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**BENGALURU-560049**

**2022-2023**

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

Ekta Nagar, Basavanpura, Virgonagar, Post, K.R.Puram, Bengaluru, Karnataka 560049



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### CERTIFICATE

This is to certify the internship work entitled "EMPLOYEE SOURCE MANAGMENT" has been successfully carried out by **Mr. Aadarsh Thakur (ISP21SCS01)**, of 3rd semester in partial fulfilment for the award of **Master of Technology in Computer Science and Engineering** of the **Visvesvaraya Technological University, Belgaum** during the year **2023**. The internship report has been approved as it satisfied the academic requirement in respect of the internship work prescribed for Master of Technology.

Signature of Guide

Asst. Prof. B.L. Jayakumar

Signature of HOD

Dr. B. Loganayagi

Signature of Principal

Dr. B. Venkata Narayana

Signature of Internal Examiner

Signature of External Examiner



A Mini Project report on

**“TRANSPORT MANAGEMENT SYSTEM”**

Submitted in partial fulfilment of the requirement for the award of the  
degree of

**MASTER OF TECHNOLOGY  
in  
Computer Science and Engineering**

Submitted by

**AADARSH THAKUR (1SP21SCS01)**

Under the Guidance of

**Asst. Prof. B.L. JAYAKUMAR**

Dept. of CSE



**Department of Computer Science and Engineering  
S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY  
BANGALORE – 49**

**2021-22**

**S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**BENGALURU - 560049**  
**(Affiliated to Visvesvaraya Technological University, Belagavi)**



**Department of Computer Science and Engineering**

**CERTIFICATE**

This is to certify that mini project report entitle "**TRANSPORT MANANGEMENT SYSTEM**" has been successfully carried out by **Mr. Aadarsh Thakur (1SP21SCS01)** in partial fulfillment of **third semester Master of Technology** mini project presentation in the branch of Computer Science and Engineering, 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 seminar report has been approved as it satisfied the academic requirements in respect of seminar work prescribed for **Master of Technology**.

.....  
Signature of the Coordinator

**Asst. Prof. B.L. Jayakumar**

.....  
Signature of HOD

**Dr. B. Loganayagi**

.....  
Signature of Principal

**Dr. B. Venkata Narayana**

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**BENGALURU - 560049**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**



**CERTIFICATE**

This is to Certified that the project work entitled **"AN EFFICIENT VLSI DESIGN OF PIPELINED FLOATING POINT MAC FOR PROCESSORS"** carried out by Mrs. BHAVYA S, USN:ISP21LVS01, bonafide student of S.E.A. College of Engineering and Technology, in partial fulfillment for the award of **Master of Technology in VLSI Design and Embedded Systems**, Visvesvaraya Technological University, Belgavi during the year 2022-23. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Dr. Pradeep Kumar. N.S

Guide

Dr. Pradeep Kumar. N.S

Head of Department

Dr. B Venkata Narayana

Principal

External Examiners

1. Dr Pradeep Kumar N.S
2. Dr. Rajesh

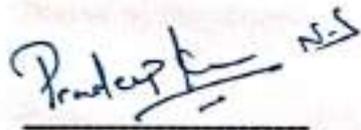
Signature with date

**S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**BENGALURU – 560049**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

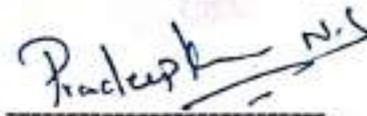


**CERTIFICATE**

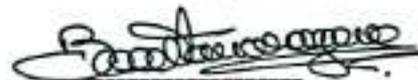
Certified that the Project work entitled **“DESIGN AND ANALYSIS OF RISC V PROCESSOR”** carried out by **Mr. GOVARDHANAREDDY KARNATI, USN: ISP21LVS02**, bona fide student of S.E.A. College of Engineering and Technology, in partial fulfillment for the award of **Master of Technology in VLSI Design and Embedded Systems**, Visvesvaraya Technological University, Belgavi during the year 2022-23. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Dr. Pradeep Kumar. N.S  
Guide



Dr. Pradeep Kumar. N.S  
Head of Department

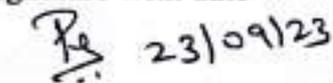


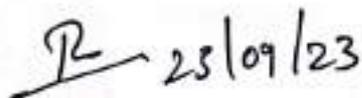
Dr. B Venkata Narayana  
Principal

External Examiners

1. Dr. Pradeep kumar N.S.
2. Dr. Rajeshwari

Signature with date

 23/09/23

 25/09/23



**PraLoTech**

# **PraLoTech Solutions LLP**

**PraLoTech Solutions Certifies**

**GOVARDHANAREDDY KARNATI [ISP21LVS02]**

for successfully attending Internship Programme Conducted from

**21<sup>st</sup> OCTOBER 2022 to 26<sup>th</sup> NOVEMBER 2022.**

We take the pleasure in recognizing the achievement

with the award of

**“Internship Certificate”**

In

**“EMBEDDED SYSTEMS WITH IOT ”**

given on the 7<sup>th</sup> day of **DECEMBER 2022.**

  
**PraLoTech Solutions LLP**  
#1, Silicon Plaza, Near Usha  
Dental Clinic, Subhash Nagar,  
K R Pura, Bangalore-560049

**Project Manager**

**PraLoTech Solutions LLP**



REG NO:AAN8688

**PraLoTech**

## **PraLoTech Solutions LLP**

PraLoTech Solutions Certifies

**BHAVYA S [ISP21LVS01]**

for successfully attending Internship Programme Conducted from

**21<sup>st</sup> OCTOBER 2022 to 26<sup>th</sup> NOVEMBER 2022.**

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with the award of

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Project Manager

PraLoTech Solutions LLP

# S.E.A COLLEGE OF ENGINEERING AND TECHNOLOGY

BENGALURU - 560049

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



## CERTIFICATE

Certified that the Project work entitled "PHYSICAL DESIGN OF I2C DMA CONTROLLER USING EDA TOOL" carried out by MANOHAR Y S (ISP12LDN08) Bonafide student of S.E.A. College of Engineering and Technology, in partial fulfilment for the award of Master of Technology in Digital communication and Networking Visvesvaraya Technological University, Belagavi during the year 2022-23 It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements on prescribed for the said degree.

Internal Guide  
Dr. Pradeep Kumar N S Professor,  
Dept. of ECE,  
SEACET.

Head of the Department  
Dr Pradeep Kumar N S  
Professor & HOD  
Dept. of ECE,  
SEACET.

Dr. B Venkata Narayana  
Principal  
SEACET

External Viva

Name of the Examiners

1. Dr. Raveesh
2. Dr. Pradeep kumar N.S

Signature with date

  
17/11/23  
  
17/11/23