



**SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST®**  
**SAPTHAGIRI COLLEGE OF**  
**ENGINEERING**

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.)  
 (ISO 9001-2015 & 14001-2015 Certified)

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057.

**Department of Computer Science & Engineering**

Academic Year 2020-21 ODD

**DATABASE MANAGEMENT MINI PROJECT LIST**

SL.NO	STUDENT NAME	PROJECT TITLE
1.	NEETU RAO D	CYBERCRIME MANAGEMENT
2.	NIMISHA NIRMAL	CYBERCRIME MANAGEMENT
3.	ARPITHA H K	RAILWAY MANAGEMENT SYSTEM
4.	DEEPAK B K	RAILWAY MANAGEMENT SYSTEM
5.	KUMARI MADHU	STORE MANAGEMENT SYSTEM
6.	DIVYANSHI	STORE MANAGEMENT SYSTEM
7.	AKSHATHA M	BANK DATABASE MANAGEMENT
8.	MANGALA S	BANK DATABASE MANAGEMENT
9.	DARSHAN KS	PET SHOP MANAGEMENT SYSTEM
10.	MALLIKARJUNA VR	PET SHOP MANAGEMENT SYSTEM
11.	MAYANK	AIRLINE MANAGEMENT SYSTEM
12.	AMANDEEP SINGH	AIRLINE MANAGEMENT SYSTEM
13.	GAURAV GUPTA	CAR RENTAL MANAGEMENT SYSTEM
14.	LALIT MUDGAL	CAR RENTAL MANAGEMENT SYSTEM
15.	ANKIT RAJ MISHRA	DAIRY MANAGEMENT SYSTEM
16.	HARSHIT GUPTA	DAIRY MANAGEMENT SYSTEM
17.	FOUZIA ANJUM.S	BLOOD BANK MANAGEMENT
18.	APARNA SINGH	BLOOD BANK MANAGEMENT
19.	ADITYA M	PG DATABASE.
20.	BHARGAV TRIMAL	PG DATABASE.
21.	ANUSHA.D.B	ONLINE DJ MANAGEMENT SYSTEM
22.	NAMRATHA	ONLINE DJ MANAGEMENT SYSTEM
23.	MEGHA P	COURIER MANAGEMENT SYSTEM
24.	N MADHURAVANI	COURIER MANAGEMENT SYSTEM
25.	BHAVYA KH	ATTENDANCE RECORD
26.	VAISHNAVI KHASYP	ATTENDANCE RECORD
27.	LIKITH.S	INVENTORY MANAGEMENT SYSTEM
28.	KOUSHIK V	INVENTORY MANAGEMENT SYSTEM
29.	NAVYASHREE.K	TOURISM MANAGEMENT SYSTEM
30.	MEGHANA.G	TOURISM MANAGEMENT SYSTEM
31.	HIMANI ADIGA	ONLINE VOTING SYSTEM DATABASE
32.	MANDARA B	ONLINE VOTING SYSTEM DATABASE
33.	MADHURI.M.K	COVID-19 MANAGEMENT SYSTEM





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**Department of Computer Science & Engineering**

Academic Year 2020-21 ODD

34.	MEENA ALEKHYA T	COVID-19 MANAGEMENT SYSTEM
35.	M LAKSHMI NAVEEN	CONTACT MANAGEMENT SYSTEM
36.	MANU K N	CONTACT MANAGEMENT SYSTEM
37.	ADITYA SRIVASTAVA	LIBRARY MANAGEMENT SYSTEMS
38.	DEEPAK G	LIBRARY MANAGEMENT SYSTEMS
39.	MANJUNATH M	ONLINE SHOPPING SYSTEM
40.	NAVEEN S R	ONLINE SHOPPING SYSTEM
41.	HARSHITHA S	AIRTEL NETWORK MANAGEMENT
42.	JYOTHAPPAGARI	AIRTEL NETWORK MANAGEMENT
43.	APOORVA A	ONLINE MARRIAGE REGISTRATION
44.	K U ANJALI	ONLINE MARRIAGE REGISTRATION
45.	NITHIN S M	FARM MANAGEMENT SYSTEM
46.	VARUN R	FARM MANAGEMENT SYSTEM
47.	MANJUNATH RAMA	ANGANWADI MANAGEMENT
48.	SHIVA KUMAR R E	ANGANWADI MANAGEMENT
49.	AAKASH WAZA	STUDENT RESULT DATABASE
50.	MOHIT KUMAR SHAW	STUDENT RESULT DATABASE
51.	DEEPTHI YADAV	BUS MANAGEMENT SYSTEM
52.	BINDU.L	BUS MANAGEMENT SYSTEM
53.	A.Y GUNARACHANA	CONCERT TICKET RESERVATION
54.	MANISHA.L	CONCERT TICKET RESERVATION
55.	MONIKA.A	ELECTRONIC REPAIR MANAGEMENT
56.	BHOOMIKA.S	ELECTRONIC REPAIR MANAGEMENT
57.	HARSH P	PERSONAL HEALTH CARE
58.	ADITYA SHARMA R	PERSONAL HEALTH CARE
59.	KIRAN KUMAR HM	ART GALLERY MANAGEMENT
60.	YUVARAJ NR	EMPLOYEE MANAGEMENT SYSTEM
61.	SANDHYA M	EMPLOYEE MANAGEMENT SYSTEM
62.	ARUN KUMAR	HOSTEL MANAGEMENT SYSTEM
63.	ABDUL HAROON	HOSTEL MANAGEMENT SYSTEM
64.	SNEH RAI	FINANCIAL BANK MANAGEMENT
65.	ADITYA CHANDRA	FINANCIAL BANK MANAGEMENT
66.	YASHASWINI.	GYM MANAGEMENT SYSTEM
67.	SANGEETHA. R	GYM MANAGEMENT SYSTEM
68.	SUPRIYA K	BLOOD BANK MANAGEMENT
69.	THANUSHREE KJ	BLOOD BANK MANAGEMENT
70.	PREETHI U	HOSPITAL MANAGEMENT SYSTEM





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## Department of Computer Science & Engineering

Academic Year 2020-21 ODD

71.	SIMRAN VERMA	HOSPITAL MANAGEMENT SYSTEM
72.	VARSHITHA TM	ONLINE QUIZ SYSTEM
73.	ANUSHA S	ONLINE QUIZ SYSTEM
74.	PREETHA S JOIS	HOUSE RENTAL MANAGEMENT
75.	SARIKA KASHYAP	HOUSE RENTAL MANAGEMENT
76.	DRITHI R	BUS BOOKING SYSTEM
77.	RAKSHITHA D	BUS BOOKING SYSTEM
78.	PALLAVI R	LOCAL SERVICES SEARCH ENGINE
79.	YASHA NIRANJAN	LOCAL SERVICES SEARCH ENGINE
80.	PANCHAMI A	WHOLESALE MANAGEMENT SYSTEM
81.	ROOPA U	WHOLESALE MANAGEMENT SYSTEM
82.	PRIYANKA.V	ONLINE BIKE RENTAL SYSTEM
83.	SHALINI.G.S	ONLINE BIKE RENTAL SYSTEM
84.	PRANAV PARTH	LIBRARY DATA MANAGEMENT
85.	SWAPNIL	LIBRARY DATA MANAGEMENT
86.	PRIYANSHU KUMAR	SPORTS MANAGEMENT SYSTEM
87.	UTKARSH GAURAV	SPORTS MANAGEMENT SYSTEM
88.	RISHU RAJ	VEHICLE PARKING SYSTEM
89.	NISHANT RANA	VEHICLE PARKING SYSTEM
90.	SABHYATA	E-COMMERCE PLATFORM
91.	SIMRAN MAHTO	E-COMMERCE PLATFORM
92.	VOONNA REETAN	HOSTEL MANAGEMENT SYSTEM
93.	SUSHANT	HOSTEL MANAGEMENT SYSTEM
94.	SRIRAKSHA.G	ARBORETUM MANAGEMENT SYSTEM
95.	PREETHU.T.B	ARBORETUM MANAGEMENT SYSTEM
96.	REVATHI.D	SALON MANAGEMENT SYSTEM
97.	YASHASWINI.S	SALON MANAGEMENT SYSTEM
98.	SIDDHANT PANDEY	ONLINE MUSIC PLAYER
99.	SHUBHASHISH	ONLINE MUSIC PLAYER
100.	SNEHAL MISHRA	HOTEL MANAGEMENT SYSTEM
101.	SAKSHI SHEORAN	HOTEL MANAGEMENT SYSTEM
102.	ROHIT RAI	ELECTRICITY BILLING SYSTEM
103.	SHANU HIMKAR	ELECTRICITY BILLING SYSTEM
104.	SAHANA P	TOURISM DATABASE
105.	PRERANA SHETTY	TOURISM DATABASE
106.	SUPRITH K.S	ONLINE FOOD ORDERING
107.	NIRANJAN S	ONLINE FOOD ORDERING





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## Department of Computer Science & Engineering

Academic Year 2020-21 ODD

108.	RITIK SAINI	RAILWAY MANAGEMENT SYSTEM
109.	HARSHITHA J	RAILWAY MANAGEMENT SYSTEM
110.	VARSHA H.G	PARK TICKETING MANAGEMENT SYSTEM
111.	RAKSHITHA M	PARK TICKETING MANAGEMENT SYSTEM
112.	SRISHTI KUMARI	STUDENT MANAGEMENT SYSTEM
113.	UPMA MAURYA	STUDENT MANAGEMENT SYSTEM
114.	MOHIT	DECCAN AMUSEMENT PARK
115.	SHERWIN	DECCAN AMUSEMENT PARK
116.	SHIVANSH	ELECTRONIC VOTING SYSTEM
117.	SHREYAS .V.RAO	ELECTRONIC VOTING SYSTEM
118.	SAGAR K	WARE HOUSE MANAGEMENT SYSTEM
119.	RAKESH	WARE HOUSE MANAGEMENT SYSTEM
120.	RASHMITHA.P	ZOO MANAGEMENT SYSTEM
121.	SONALI.M	ZOO MANAGEMENT SYSTEM
122.	VISAHL SAI	ONLINE NEWS PORTAL
123.	ROHAN THAMMAIH	ONLINE NEWS PORTAL
124.	VIVEK KUMAR PATEL S	LOAN MANAGEMENT SYSTEM
125.	SHAHDAT HUSSAIN	LOAN MANAGEMENT SYSTEM

Coordinator:

Prof. Chaithra N C

Prof. Vindhya G B

Dr. Kamalakshi Naganna  
HOD



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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "CYBER CRIME DATABASE MANAGEMENT SYSTEM" carried out by NEETU RAO D (ISG18CS063) & NIMISHA NIRMAL (ISG18CS064), students of Sapthagiri College of Engineering, in partial fulfillment forward of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*[Signature]*  
10/1/21

Signature of the Guide

Prof. Shilpa M

Assistant Professor

*[Signature]*  
11/1/21

Signature of the Guide

Prof. Vindhya G B

Assistant Professor

*[Signature]*  
16/01/2021

Signature of the HOD

Dr. Kamalakshi Naganna

Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. *[Signature]*

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

2. \_\_\_\_\_



# SAPTHAGIRI COLLEGE OF ENGINEERING

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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "RAILWAY MANAGEMENT SYSTEM" carried out by ARPITHA H K (1SG18CS015) & DEEPAK B K (1SG18CS023), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*For Shilpa M*  
16/11/21

Signature of the Guide

Prof. SHILPA M

Assistant Professor

*Vindhya G B*  
16/11/21

Signature of the Guide

Prof. VINDHYA G B

Assistant Professor

*Kallu*

Signature of the HOD

Dr. Kamalakshi Naganna

Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

1. *S. Rame*

2.

*[Signature]*

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Signature with Date

*[Signature]*



# SAPTHAGIRI COLLEGE OF ENGINEERING

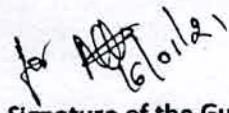
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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560107

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



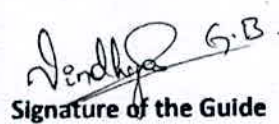
### CERTIFICATE

Certified that the Mini Project Work entitled "STORE MANAGEMENT SYSTEM" carried out by DIVYANSHI KUSHWAHA(1SG18CS028) and KUMARI MADHU(1SG18CS039), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of the degree of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belagavi during the academic year 2020-21. 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 DBMS Laboratory with Mini Project (18CSL58) prescribed for the Bachelor of Engineering Degree.

  
Signature of the Guide

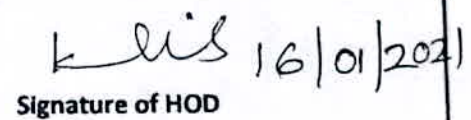
Prof. Shilpa M.

Assistant Professor

  
Signature of the Guide

Prof. Vindhya G B

Assistant Professor

  
Signature of HOD

Dr. Kamalakshi Naganna

Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

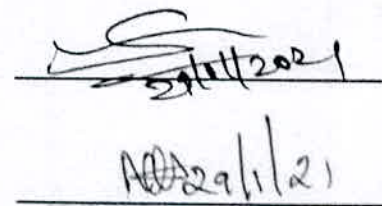
Signature with Date

1. \_\_\_\_\_

2. \_\_\_\_\_

  
Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
Signature with Date



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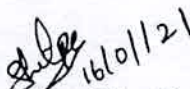
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

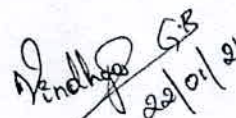
## Department of Computer Science and Engineering




### Certificate

Certified that the Mini Project Work entitled "BANK DATABASE MANAGEMENT SYSTEM" carried out by AKSHATHA M (ISG18CS009) & MANGALA S (ISG18CS046), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
**Signature of the Guide**  
Prof. SHILPA M  
Assistant Professor

  
**Signature of the Guide**  
Prof. VINDYA G B  
Assistant Professor

  
**Signature of the HOD**  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date


1.  \_\_\_\_\_



Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

2. \_\_\_\_\_

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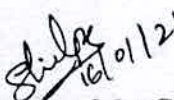
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

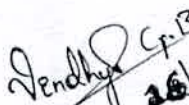
## Department of Computer Science and Engineering



### Certificate

Certified that the Mini Project Work entitled " PET SHOP MANAGEMENT SYSTEM" carried out by DARSHAN K S (1SG18CS021) & MALLIKARJUNA V R (1SG18CS044), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide  
Prof. SHILPA M  
Assistant Professor

  
Signature of the Guide  
Prof. VINDYA G B  
Assistant Professor

Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. S. Ravi





2. \_\_\_\_\_

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

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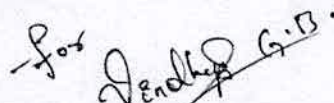
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057.

## Department of Computer Science and Engineering



### Certificate

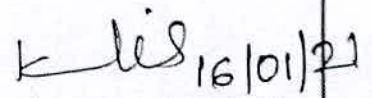
Certified that the Mini Project Work entitled "AIRLINE RESERVATION MANAGEMENT SYSTEM" carried out by AMANDEEP SINGH (1SG18CS010) & MAYANK (1SG18CS050), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.



Signature of the Guide  
Prof. SHILPA M  
Assistant Professor



Signature of the Guide  
Prof. VINDYA G B  
Assistant Professor

 16/01/21

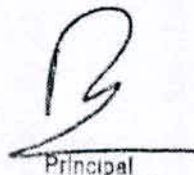
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

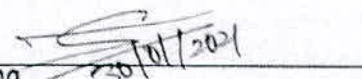
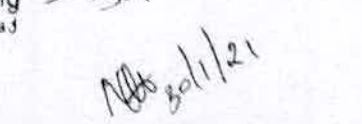
Signature with Date

1. \_\_\_\_\_
2. \_\_\_\_\_



Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560057

 30/01/2021  
 30/01/21



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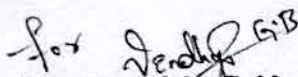
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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



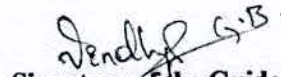
## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "CAR RENTAL MANAGEMENT SYSTEM" carried out by GAURAV GUPTA (ISG18CS031) & LALIT MUDGAL (ISG18CS040), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide

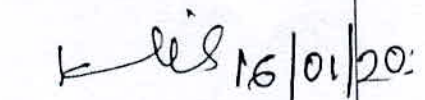
Prof. SHILPA M

Assistant Professor

  
Signature of the Guide

Prof. VINDHYA G B

Assistant Professor

  
Signature of the HOD

Dr. Kamalakshi Naganna

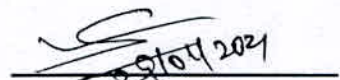
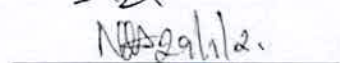
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

1. \_\_\_\_\_
2. \_\_\_\_\_

Signature with Date

  
25/01/2021  


  
Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "DAIRY FARM DATABASE MANAGEMENT SYSTEM" carried out by HARSHIT GUPTA (1SG18CS033) & ANKIT RAJ MISHRA (1SG18CS011), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*For  
Vindhya G.B  
16/01/21*

Signature of the Guide

Prof. Shilpa M.  
Assistant Professor

*Vindhya G.B  
16/01/21*

Signature of the Guide

Prof. Vindhya G B  
Assistant Professor

*K. N.*

Signature of the HOD

Dr. Kamalakshi Nagana  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. *S. Rana*

2.

*B*

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



## Department of Computer Science and Engineering



### Certificate

Certified that the Mini Project Work entitled "BLOOD BANK MANAGEMENT SYSTEM" carried out by FOUZIA ANJUM. S (1SG18CS030) & APARNA SINGH (1SG18CS013), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*For Vindhya G.B. 16/01/21*  
Signature of the Guide  
Prof. Shilpa M  
Assistant Professor

*Vindhya G.B. 16/01/21*  
Signature of the Guide  
Prof. Vindhya G B  
Assistant Professor

*Kell 16/01/2021*  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

1. \_\_\_\_\_

2. \_\_\_\_\_

Signature with Date

*29/01/2021*  
\_\_\_\_\_  
*29/01/21*  
\_\_\_\_\_

*B*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

# SAPTHAGIRI COLLEGE OF ENGINEERING

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057

## Department of Computer Science and Engineering



### Certificate

Certified that the Mini Project Work entitled "PG Database" carried out by Aditya M(1SG18CS005) & Bhargav Trimal Kulkarni(1SG18CS017), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020- 2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project | 18CSL58 | prescribed for the said Degree.

*for Vindhya G.B 16/01/21*  
Signature of the Guide  
Prof. Shilpa.M  
Assistant Professor

*Vindhya G.B 16/01/21*  
Signature of the Guide  
Prof. Vindhya Bharat  
Assistant Professor

*K. 16/01/2021*  
Signature of the HOD  
Dr.Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. S. Rana

*[Signature]*  
Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

*[Signature]*

2. \_\_\_\_\_

\_\_\_\_\_



# SAPTHAGIRI COLLEGE OF ENGINEERING

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(ISO 9001-2015 & ISO14001-2015 Certified Institute)  
14/5, Chikkasandra, Hesarahatta Main Road, Bengaluru - 560057



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "ONLINE DJ MANAGEMENT SYSTEM" carried out by ANUSHA D B (1SG18CS012) & NAMRATHA (1SG18CS060) students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*For*  
*Vindhya G.B*  
*16/01/21*  
Signature of the Guide

Mrs. SHILPA M  
Assistant Professor

*Vindhya G.B*  
*16/01/21*  
Signature of the Guide

Mrs. VINDHYA G B  
Assistant Professor

*K. N. S.*  
*16/01/2021*  
Signature of the HOD

Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. *S. Rana*

2. \_\_\_\_\_

*B*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarahatta Main Road  
Bengaluru - 560 057

## Department of Computer Science and Engineering



### Certificate

Certified that the Mini Project Work entitled "COURIER MANAGEMENT SYSTEM" carried out by MEGHA P (1SG18CS052) and MADHURAVANI N (1SG18CS059), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*For Sapthagiri G.B.*  
*16/01/2021*  
Signature of the Guide

Mrs. SHILPA M  
Assistant Professor

*Vandhya G.B.*  
*16/01/2021*  
Signature of the Guide

Mrs. VINDYA G B  
Assistant Professor

*K. N. Naganna*  
*16/01/2021*  
Signature of the HOD

Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. S. Rame

*[Signature]*  
Principal

[Signature]

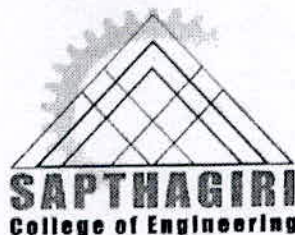
2. \_\_\_\_\_

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



# SAPTHAGIRI COLLEGE OF ENGINEERING

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(ISO 9001-2015 & ISO14001-2015 Certified Institute)  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "ATTENDANCE RECORD MANAGEMENT SYSTEM" carried out by BHAVYA KH (ISG15CS016) & VAISHNAVI KASHYAP J (ISG17CS097), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*for Vindhya G.B 16/1/21*  
Signature of the Guide

Prof. Shilpa M  
Assistant Professor

*Vindhya G.B 16/1/21*  
Signature of the Guide

Prof. Vindhya G.B  
Assistant Professor

*Kallu*  
Signature of the HOD

Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

1. Name of the Examiners  
*S. Ravi*

2.

*B*  
Principal

Signature with Date

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

# SAPTHAGIRI COLLEGE OF ENGINEERING

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(ISO 9001-2015 & ISO14001-2015 Certified Institute)  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering

### Certificate

Certified that the Mini Project Work entitled "INVENTORY MANAGEMENT SYSTEM" carried out by LIKITH S (ISG18CS041) & KOUSHIK V UPPULURI (ISG18CS038), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*[Signature]*  
Signature of the Guide

Prof. Shilpa M

Assistant Professor

*[Signature]*  
Signature of the Guide

Prof. Vindhya G B

Assistant Professor

*[Signature]* 16/01/2021  
Signature of the HOD

Dr. Kamalakshi Naganna

Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. *[Signature]*

*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

2. \_\_\_\_\_

\_\_\_\_\_



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(ISO 9001-2015 & ISO14001-2015 Certified Institute)  
14/5, Chikkasandra, Hesarghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "TOURISM MANAGEMENT SYSTEM" carried out by MEGHANA G (ISG18CS054) & NAVYASHREE K (ISG18CS062), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

- For  
Signature of the Guide  
16/01/21

Prof. SHILPA M

Assistant Professor

Signature of the Guide  
16/01/21

Prof. VINDHYA G B

Assistant Professor

Signature of the HOD  
16/01/2021

Dr. Kamalakshi Naganna

Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. S. Rang

Principal

Signature with Date

2.

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

# SAPTHAGIRI COLLEGE OF ENGINEERING

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(ISO 9001-2015 & ISO14001-2015 Certified Institute)

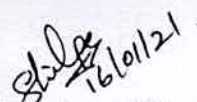
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

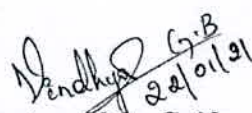
## Department of Computer Science and Engineering



### Certificate

Certified that the Mini Project Work entitled "ONLINE VOTING SYSTEM" carried out by HIMANI ADIGA (1SG18CS035) & MANDARA B (1SG18CS045), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide  
Prof. SHILPA M  
Assistant Professor

  
Signature of the Guide  
Prof. VINDYA G B  
Assistant Professor

Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

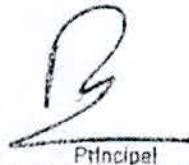
### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. 

2. \_\_\_\_\_



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057





# SAPTHAGIRI COLLEGE OF ENGINEERING

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(ISO 9001-2015 & ISO14001-2015 Certified Institute)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

## Department of Computer Science and Engineering



### Certificate

Certified that the Mini Project Work entitled "COVID-19 MANAGEMENT SYSTEM" carried out by MADHURI M K (ISG18CS043) & MEENA ALEKHYA T (ISG18CS051), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*for Jendhya G.B 16/1/21*  
**Signature of the Guide**  
Prof. SHILPA M  
Assistant Professor

*Jendhya G.B 16/1/21*  
**Signature of the Guide**  
Prof. VINDYA G B  
Assistant Professor

*K. Vish 16/01/2021*  
**Signature of the HOD**  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1.

*S. Rana*

*[Signature]*  
Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

*[Signature]*

2.

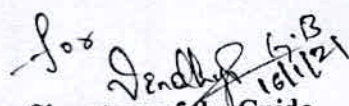
**SAPTHAGIRI COLLEGE OF ENGINEERING**  
Affiliated to VTU, Belagavi Approved by AICTE, NEW DELHI  
(ISO 9001-2015 & ISO14001-2015 certified institute)  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

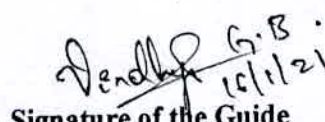
## Department of Computer Science and Engineering

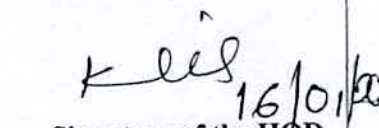


### Certificate

Certified that the Mini Project Work entitled "CONTACT MANAGEMENT SYSTEM" carried out by M LAKSHMI NAVEEN REDDY (ISG18CS042) & MANU K N (ISG18CS049), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide  
Prof. Shilpa M  
Assistant Professor

  
Signature of the Guide  
Prof. Vindhya G B  
Assistant Professor

  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

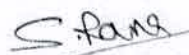
Name of the Examiners

Signature with Date

1.



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



2.



# Department of Computer Science and Engineering



## Certificate

Certified that the Mini Project Work entitled "LIBRARY MANAGEMENT SYSTEM" carried out by ADITYA SRIVASTAVA(1SG18CS007) & DEEPAK.G(1SG18CS024), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*for*  
*Vindhya G.B.*  
*16/01/21*  
Signature of the Guide  
Prof. SHILPA M  
Assistant Professor

*Vindhya G.B.*  
*16/01/21*  
Signature of the Guide  
Prof. VINDHYA G B  
Assistant Professor

*K. Dil*  
*16/01/2021*  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. \_\_\_\_\_

2. *S. RANG*

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

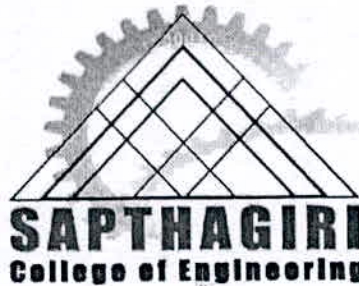
# SAPTHAGIRI COLLEGE OF ENGINEERING

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(ISO 9001-2015 & ISO14001-2015 Certified Institute)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

## Department of Computer Science and Engineering



### CERTIFICATE

Certified that the Mini Project Work entitled "ONLINE SHOPPING SYSTEM" carried out by MANJUNATH M (1SG19CS404) & NAVEEN S R (1SG18CS061), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*for*  
*Vendhya G.B*  
*16/11/21*

Signature of the Guide  
Prof. SHILPA M  
Assistant Professor

*Vendhya G.B*  
*16/11/21*

Signature of the Guide  
Prof. VINDYA G B  
Assistant Professor

*K. K. S. 16/01/2021*

Signature of the HOD  
Dr. KAMALAKSHI NAGANNA  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. \_\_\_\_\_

2. \_\_\_\_\_

*B*

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

*S. S. S. 16/01/2021*

*Shilpa*



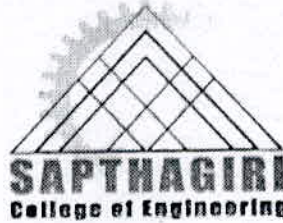
# SAPTHAGIRI COLLEGE OF ENGINEERING

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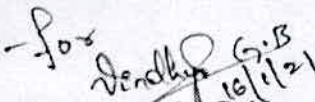
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.


## Department of Computer Science and Engineering

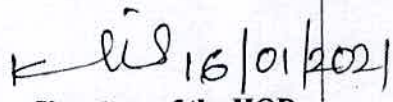


### Certificate

Certified that the Mini Project Work entitled "AIRTEL NETWORK MANAGEMENT SYSTEM" carried out by HARSHITHA S (1SG18CS034) & JYOTHAPPAGARI VYSHNAVI (1SG18CS036), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide  
Prof. SHILPA M  
Assistant Professor

  
Signature of the Guide  
Prof. VINDYA G B  
Assistant Professor

  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners


Signature with Date

1. 



Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

2. \_\_\_\_\_

  
\_\_\_\_\_

# SAPTHAGIRI COLLEGE OF ENGINEERING

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(ISO 9001-2015 & ISO14001-2015 Certified Institute)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled

"ONLINE MARRIAGE REGISTRATION SYSTEM"

carried out by APOORVA A (1SG18CS014) & K U ANJALI (1SG18CS037), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*For*  
*Shilpa M*  
*16/1/21*

Signature of the Guide

Prof. Shilpa M

Assistant Professor

*Shilpa M*  
*16/01/21*

Signature of the Guide

Prof. Vindhya G B

Assistant Professor

*K. U. Anjali*  
*16/01/2021*

Signature of the HOD

Dr. Kamalakshi Nagana

Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. *S. Rana*

*[Signature]*

Principal

*[Signature]*

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

2. \_\_\_\_\_



# SAPTHAGIRI COLLEGE OF ENGINEERING

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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering

### Certificate

Certified that the Mini Project Work entitled "FARM MANAGEMENT SYSTEM" carried out by VARUN R (ISG18CS133) & NITHIN S M (ISG18CS132), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*Shilpa M*  
16/11/21

**Signature of the Guide**  
Prof. SHILPA M  
Assistant Professor

*Vindhya G B*  
16/11/21

**Signature of the Guide**  
Prof. VINDHYA G B  
Assistant Professor

*Kamalakshi Naganna*

**Signature of the HOD**  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. S. Ranga

*[Signature]*  
Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

*[Signature]*

2. \_\_\_\_\_

\_\_\_\_\_

# SAPTHAGIRI COLLEGE OF ENGINEERING

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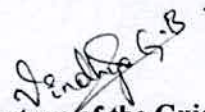
(ISO 9001-2015 & ISO14001-2015 Certified Institute)

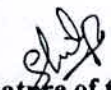
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

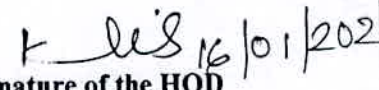


## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "ANGANWADI MANAGEMENT SYSTEM" carried out by MANJUNATH RAMA NAIK (ISG18CS048) & SHIVA KUMAR R E (ISG19CS408), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide  
Prof. Vindya G B  
Assistant Professor

  
Signature of the Guide  
Prof. Shilpa M  
Assistant Professor

  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. 

  
Principal



2. \_\_\_\_\_

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



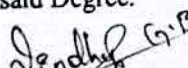
# SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU Belagavi, Approved by AICTE, NEW DELHI  
(ISO 9001-2015 & ISO14001-2015 Certified Institute)  
14/5, Chikkasandra, Hesarghatta Main Road, Bengaluru – 560057.




## Department of Computer Science and Engineering Certificate


Certified that the Mini Project Work entitled "STUDENT RESULT DATABASE MANAGEMENT SYSTEM" carried out by AAKASH WAZA (1SG18CS002) & MOHIT KUMAR SHAW (1SG18CS055), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide

Prof. Vindhya G.B.  
Assistant Professor

  
Signature of the Guide

Prof. Shilpa M  
Assistant Professor

  
Signature of the HOD

Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. 

2. \_\_\_\_\_



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesarghatta Main Road  
Bengaluru - 560 057

# SAPTHAGIRI COLLEGE OF ENGINEERING

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(ISO 9001-2015 & ISO14001-2015 Certified Institute)  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "BUS MANAGEMENT SYSTEM" carried out by BINDU L(1SG18CS020) & DEEPTHI YADAV G(1SG18CS026), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*for Dendhy G.B 16/01/21*  
Signature of the Guide

Prof. Shilpa M  
Assistant Professor

*Dendhy G.B 16/01/21*  
Signature of the Guide

Prof. Vindhya G B  
Assistant Professor

*K. S. 16/01/2021*  
Signature of the HOD

Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. *S. Rana*

*[Signature]*  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

2. \_\_\_\_\_

\_\_\_\_\_



# SAPTHAGIRI COLLEGE OF ENGINEERING

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

## Department of Computer Science and Engineering



### Certificate

Certified that the Mini Project Work entitled "CONCERT TICKET RESERVATION SYSTEM" carried out by A Y GUNARACHANA (1SG18CS001) & MANISHA L (1SG18CS047), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*For Vindhya G.B 16/01/21*  
Signature of the Guide  
Prof. Shilpa M  
Assistant Professor

*Vindhya G.B 16/01/21*  
Signature of the Guide  
Prof. Vindhya G B  
Assistant Professor

*K. K. S. 16/01/21*  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. \_\_\_\_\_

*[Signature]*  
29/1/21

2. \_\_\_\_\_

*[Signature]*  
29/1/21

*[Signature]*  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

# SAPTHAGIRI COLLEGE OF ENGINEERING

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(ISO 9001-2015 & ISO14001-2015 Certified Institute)  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "ELECTRONIC REPAIR MANAGEMENT SYSTEM" carried out by MONIKA A (ISG18CS057) & BHOO MIKA S (ISG18CS018), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*- for Vindhya G.B 16/01/21*  
Signature of the Guide  
Prof. SHILPA M

Assistant Professor

*Vindhya G.B 16/01/21*  
Signature of the Guide  
Prof. VINDHYA G B

Assistant Professor

*K. L. S. 16/01/2021*  
Signature of the HOD  
Dr. Kamalakshi  
Naganna

Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

1. *S. Rana*

2. *[Signature]*

Signature with Date

*[Signature]*

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

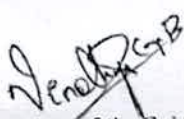


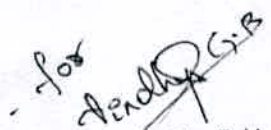
SAPTHAGIRI COLLEGE OF ENGINEERING  
14/5 Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057  
**Department of Computer Science and  
Engineering**




**Certificate**

Certified that the Mini Project Work entitled "PERSONAL HEALTH CARE MANAGEMENT SYSTEM" carried out by ADITYA SHARMA (1SG18CS006) & HARSH P KAVATEKAR (1SG18CS032), bonafide students of Sapthagiri College of Engineering, in partial fulfilment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DEVS Laboratory with Mini Project (18CS158) prescribed for the said Degree.

  
Signature of the Guide  
Prof. VINDHYA G B  
Assistant Professor

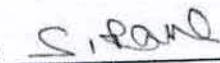
  
Signature of the Guide  
Prof. SHILPA M  
Assistant Professor

  
Signature of the HOD  
Dr. Kamalakshi Suganna  
Professor & Head

**EXTERNAL EXAMINATION**

Name of the Examiners

Signature with Date

1. 

2. \_\_\_\_\_



Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "ART GALLERY MANAGEMENT SYSTEM" carried out by KIRANKUMAR HM (1SG19CS403), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*For*  
*Shilpa M*  
Signature of the Guide

Prof. Shilpa M  
Assistant Professor

*Shindhy G.B*  
*16/11/21*  
Signature of the Guide

Prof. Vindhya G B  
Assistant Professor

*K. Kamal*  
Signature of the HOD

Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. *S. Rame*

*[Signature]*  
Principal

*[Signature]*

2. \_\_\_\_\_

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



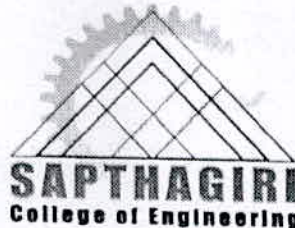
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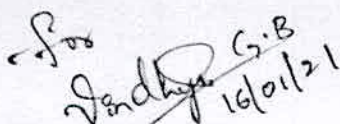
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

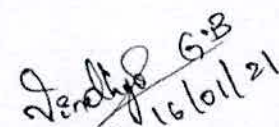
## Department of Computer Science and Engineering




### Certificate

Certified that the Mini Project Work entitled "EMPLOYEE MANAGEMENT SYSTEM" carried out by SANDHYA M (ISG19CS407) & YUVARAJ N R (ISG19CS412), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide  
Prof. Shilpa M  
Assistant Professor

  
Signature of the Guide  
Prof. Vindhya G B  
Assistant Professor

  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1.



2.

  
Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



SAPTHAGIRI COLLEGE OF ENGINEERING  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

## Department of Computer Science and Engineering




Certified that the Mini Project Work entitled "HOSTEL MANAGEMENT SYSTEM" carried out by ABDUL HAROON KHAN(18CS003) and ARUNA KUMAR(18CS016), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2019-2020. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (17CSL58) prescribed for the said Degree.

*for Vindhya G.B. 16/04/21*  
**Signature of the Guide**  
Prof. Shilpa M  
Assistant Professor

*Vindhya G.B. 16/04/21*  
**Signature of the Guide**  
Prof. Vindhya G B  
Assistant Professor

*K. Kamalakshi Naganna*  
**Signature of the HOD**  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners		Signature with Date
1. <u>S. RANG</u>		<u><i>[Signature]</i> 29/07/2021</u>
2. _____	Principal	<u><i>[Signature]</i> 29/11/21</u>

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



# SAPTHAGIRI COLLEGE OF ENGINEERING


14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.


## Department of Computer Science and Engineering




### Certificate

Certified that the Mini Project Work entitled "FOOTBALL MANAGEMENT SYSTEM" carried out by ADITYA CHANDRA SINGH(1SG17CS002) & SNEH KUMAR RAI(1SG17CS085), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSI 58) prescribed for the said Degree.

  
Signature of the Guide  
Mrs. Shilpa M  
Assistant Professor

  
Signature of the Guide  
Mrs. Vindhya G B  
Assistant Professor

  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. S. SANG

2. \_\_\_\_\_

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

  
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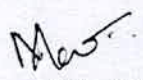
# SAPTHAGIRI COLLEGE OF ENGINEERING


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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057

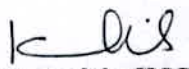


## Department of Computer Science and Engineering Certificate




Certified that the Mini Project Work entitled "GYM DATABASE MANAGEMENT SYSTEM" carried out by SANGEETHA R (ISG18CS097) & YASHASWINI M KOTEGAR (ISG18CS128), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide  
Prof. Manas K N  
Assistant Professor

  
Signature of the Guide  
Prof. Chaitra N C  
Assistant Professor

  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

### EXTERNAL EXAMINATION

Name of the Examiners	Signature with Date
1. 	
2. _____	

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560057



# SAPTHAGIRI COLLEGE OF ENGINEERING

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(ISO 9001:2015 & ISO 14001:2015 Certified Institute)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "BLOOD BANK MANAGEMENT SYSTEM" carried out by SUPRIYA K (1SG18CS118) & THANUSHREE KJ (1SG18CS121), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

**Signature of the Guide**

Prof. Manasa K N

Assistant Professor

**Signature of the Guide**

Prof. Chaitra N C

Assistant Professor

**Signature of the HOD**

Dr. Kamalakshi Naganna

Professor & Head

### EXTERNAL EXAMINATION

**Name of the Examiners**

**Signature with Date**

1. S. Rao

[Signature]

2. \_\_\_\_\_

\_\_\_\_\_

[Signature]  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

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(ISO 9001-2015 & ISO14001-2015 Certified Institute)  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "HOSPITAL MANAGEMENT SYSTEM" carried out by PREETHI U(1SG18CS076) & SIMRAN VERMA (1SG18CS109), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

**Signature of the Guide**

Prof. Manasa K N

Assistant Professor

**Signature of the Guide**

Prof. Chaitra N C

Assistant Professor

**Signature of the HOD**

Dr. Kamalakshi Naganna

Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

1. S. RAN

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

Signature with Date

2. \_\_\_\_\_

\_\_\_\_\_



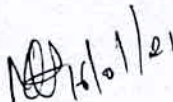
# SAPTHAGIRI COLLEGE OF ENGINEERING

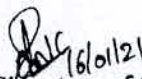
Affiliated to VTU Belagavi. Approved by AICTE, NEW DELHI  
(ISO 9001-2015 & ISO14001-2015 Certified Institute) 14/5,  
Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

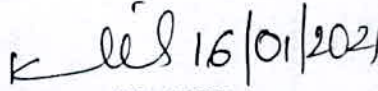


## Department of Computer Science and Engineering Certificate



Certified that the Mini Project Work entitled "ONLINE-QUIZ SYSTEM" carried out by ANUSHA S (1SG19CS401) & VARSHITHA TM (1SG19CS410), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide  
Prof. Manasa K N  
Assistant Professor

  
Signature of the Guide  
Prof. Chaitra N C  
Assistant Professor

  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners		Signature with Date
1. _____		
2. _____	Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesaraghatta Main Road Bengaluru - 560 057	30/01/2021

# SAPTHAGIRI COLLEGE OF ENGINEERING

Affiliated to VTU Belagavi, Approved by AICTE, NEW DELHI

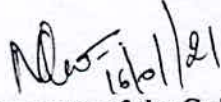
(ISO 9001-2015 & ISO14001-2015 Certified Institute)

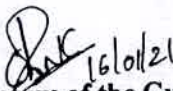
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

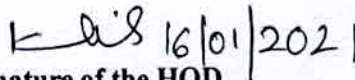


## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "HOUSE RENTAL MANAGEMENT SYSTEM" carried out by PREETHA S JOIS (1SG18CS075) & SARIKA KASHYAP (1SG18CS098), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide  
Prof. Manasa K N  
Assistant Professor

  
Signature of the Guide  
Prof. Chaitra N C  
Assistant Professor

  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. S. Rang

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

2. \_\_\_\_\_



# SAPTHAGIRI COLLEGE OF ENGINEERING

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(ISO 9001-2015 & ISO14001-2015 Certified Institute)  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "HOTEL ROOM MANAGEMENT SYSTEM" carried out by RAKSHITHA D (1SG18CS129) & DRITHI R (1SG18CS130), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

**Signature of the Guide**

Prof. Manasa K N

Assistant Professor

**Signature of the Guide**

Prof. Chaitra N C

Assistant Professor

**Signature of the HOD**

Dr. Kamalakshi Nagana

Professor & Head

### EXTERNAL EXAMINATION

**Name of the Examiners**

**Signature with Date**

1. S. Ravi

[Signature]

2. \_\_\_\_\_

\_\_\_\_\_

[Signature]  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

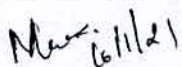
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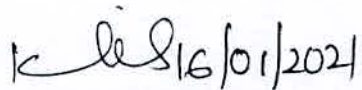


## Department of Computer Science and Engineering Certificate

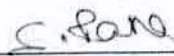

Certified that the Mini Project Work entitled "LOCAL SERVICES SEARCH ENGINE MANAGEMENT SYSTEM" carried out by PALLAVI R (ISG18CS068) & YASHA NIRANJAN (ISG18CS126), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.


  
Signature of the Guide  
Prof. Manas K N  
Assistant Professor

  
Signature of the Guide  
Prof. Chaitra N C  
Assistant Professor

  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners	Signature with Date
1. 	
2. _____	_____

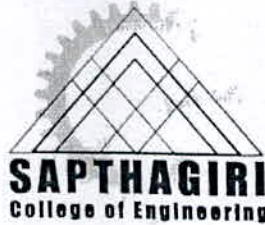
  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



# SAPTHAGIRI COLLEGE OF ENGINEERING

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

## Department of Computer Science and Engineering



### Certificate

Certified that the Mini Project Work entitled "DAIRY FARM SHOP MANAGEMENT SYSTEM" carried out by PANCHAMI A (1SG18CS069) & ROOPA U (1SG18CS090), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

Signature of the Guide  
Prof. Manasa K N  
Assistant Professor

Signature of the Guide  
Prof. Chaitra N C  
Assistant Professor

Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. S. Ravi

[Signature]

2. \_\_\_\_\_

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[Signature]  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

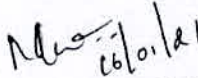
# SAPTHAGIRI COLLEGE OF ENGINEERING

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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057



## Department of Computer Science and Engineering Certificate

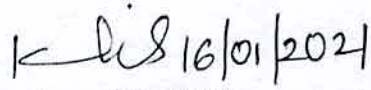
Certified that the Mini Project Work entitled "ONLINE BIKE RENTAL SYSTEM" carried out by PRIYANKA V (ISG18CS079) & SHALINI G S (ISG18CS100), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide

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Assistant Professor

  
Signature of the Guide

Prof. Chaitra N C  
Assistant Professor

  
Signature of the HOD

Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. 





2.

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



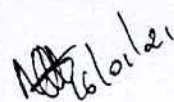
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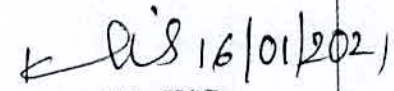


## Department of Computer Science and Engineering Certificate


Certified that the Mini Project Work entitled "LIBRARY MANAGEMENT SYSTEM" carried out by SWAPNIL (ISG18CS119) & PRANAV PARTH (ISG18CS072), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.


  
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Prof. Manasa K N  
Assistant Professor

  
Signature of the Guide  
Prof. Chaitra N C  
Assistant Professor

  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners  
1. 

Signature with Date  


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Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "SPORTS MANAGEMENT SYSTEM" carried out by **PRIYANSHU KUMAR (1SG18CS080) & UTKARSH GAURAV (1SG18CS123)**, students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

Signature of the Guide

Prof. Manas K N

Assistant Professor

Signature of the Guide

Prof. Chaitra N C

Assistant Professor

Signature of the HOD

Dr. Kamalakshi Naganna

Professor & Head

Name of the Examiners

Signature with Date

1. S. Rana

[Signature]

2. \_\_\_\_\_

\_\_\_\_\_

3. [Signature]

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "Vehicle Parking Management System" carried out by RISHU RAJ (1SG18CS085) & NISHANT RANA (1SG18CS066), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

Signature of the Guide

Prof. Manasa K N

Assistant Professor

Signature of the Guide

Prof. Chaitra N C

Assistant Professor

Signature of the HOD

Dr. Kamalakshi Naganna

Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

1. A. B. Rana

2. \_\_\_\_\_

Signature with Date

[Signature]

\_\_\_\_\_

# SAPTHAGIRI COLLEGE OF ENGINEERING

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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "E-Commerce Platform" carried out by SIMRAN MAHTO (1SG18CSI08) & SABHYATA CHAUDHARY (1SG18CS093), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

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Assistant Professor

Signature of the Guide

Prof. Chaitra N C

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Signature of the HOD

Dr. Kamalakshi Naganna

Professor & Head

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Name of the Examiners

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2. \_\_\_\_\_

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Bengaluru - 560 057

Signature with Date



# SAPTHAGIRI COLLEGE OF ENGINEERING

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057

## Department of Computer Science and Engineering



### Certificate

Certified that the Mini Project Work entitled "HOSTEL MANAGEMENT SYSTEM" carried out by SUSHANT (ISG17CS093) & VOONNA REETAN (ISG17CS102), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

Signature of the Guide  
Prof. Manasa K N  
Assistant Professor

Signature of the Guide  
Prof. Chaitra N C  
Assistant Professor

Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. S. G. S.

[Signature]

2. \_\_\_\_\_

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[Signature]  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057.



### Certificate

Certified that the Mini Project Work entitled "HOUSE HOLD SAVINGS AND EXPENDITURE MANAGEMENT" carried out by PREETHU T B (ISG18CS077)& SRIRAKSHA G (ISG18CS113), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

**Signature of the Guide**

Prof. Manas K N

Assistant Professor

**Signature of the Guide**

Prof. Chaitra N C

Assistant Professor

**Signature of the HOD**

Dr. Kamalakshi Naganna

Professor & Head

### EXTERNAL EXAMINATION

**Name of the Examiners**

1. S. Rana

2. \_\_\_\_\_

**Signature with Date**

[Signature]

\_\_\_\_\_

[Signature]

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

## Department of Computer Science and Engineering



### Certificate

Certified that the Mini Project Work entitled "ZOO MANAGEMENT SYSTEM" carried out by RASHMITHA P (ISG18CS083) & SONALI M (ISG18CS112), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*Manasa*  
16/01/21  
Signature of the Guide  
Prof. Manasa K N  
Assistant Professor

*Chaitra*  
16/1/21  
Signature of the Guide  
Prof. Chaitra N C  
Assistant Professor

*K. Naganna*  
16/01/2021  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. *S. Rang*

*[Signature]*  
Principal

*[Signature]*  
01/02/2021

2. \_\_\_\_\_

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

*[Signature]*  
11/2/21



## Department of Computer Science and Engineering

### *Certificate*

Certified that the Mini Project Work entitled "SALON MANAGEMENT SYSTEM" carried out by REVATHI D (1SG18CS084) & YASHASWINI S (1SG18CS127), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

**Signature of the Guide**

Prof. Manas K N

Assistant Professor

**Signature of the Guide**

Prof. Chaitra N C

Assistant Professor

**Signature of the HOD**

Dr. Kamalakshi Naganna

Professor & Head

### EXTERNAL EXAMINATION

**Name of the Examiners**

1. S. Rana

2. \_\_\_\_\_

**Signature with Date**

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



# SAPTHAGIRI COLLEGE OF ENGINEERING

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

## Department of Computer Science and Engineering



### Certificate

Certified that the Mini Project Work entitled "AIRLINE BOOKING MANAGEMENT" carried out by SIDDHANT PANDEY (1SG18CS107) & SHUBHASHISH PATHAK (1SG18CS106), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

Signature of the Guide

Prof. Manasa K N

Naganna

Assistant Professor  
Head

Signature of the Guide

Prof. Chaitra N C

Assistant Professor

Signature of the HOD

Dr. Kamalakshi

Professor &

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. S. Ravi

Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road

# SAPTHAGIRI COLLEGE OF ENGINEERING

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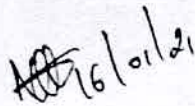
(ISO 9001-2015 & ISO14001-2015 Certified Institute)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "HOTEL MANAGEMENT SYSTEM" carried out by SNEHAL MISHRA (1SG18CS111) & SAKSHI SHEORAN (1SG18CS096), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
16/01/21

Signature of the Guide

Prof. Manasa K N

Assistant Professor



Signature of the Guide

Prof. Chaitra N C

Assistant Professor



Signature of the HOD

Dr. Kamalakshi Nagana

Professor & Head


### EXTERNAL EXAMINATION

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Principal  
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14/5 Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.



## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "ONLINE BOOKSTORE MANAGEMENT SYSTEM" carried out by ROHIT RAI(1SG18CS089) & SHANU HIMKAR(1SG18CS101), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*for* *Dr* *16/01/2021*  
Signature of the Guide

Prof. Manasa K N  
Assistant Professor

*Dr* *16/01/2021*  
Signature of the Guide

Prof. Chaitra N C  
Assistant Professor

*Kell*  
Signature of the HOD  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. S. RAO

2. \_\_\_\_\_

*B*  
Principal

*16/01/2021*

*16/01/21*

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14/5, Chikkasandra, Hesaraghatta Main Road  
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## Department of Computer Science and Engineering



### Certificate

Certified that the Mini Project Work entitled "TRAVEL AND TOUR MANAGEMENT SYSTEM" carried out by PRERANA SHETTY (1SG18CS078) & SAHANA.P (1SG18CS131), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

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**Signature of the Guide**  
Prof. Chaitra N C  
Assistant Professor

**Signature of the HOD**  
Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

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1. S. Rana

[Signature]

2. \_\_\_\_\_

\_\_\_\_\_

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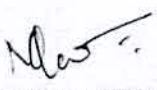
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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057




## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "ONLINE FOOD ORDERING SYSTEM" carried out by SUPRITH K S (ISG18CS116) & NIRANJAN S (ISG18CS065), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
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Assistant Professor

  
Signature of the Guide

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Signature of the HOD

Dr. Kamalakshi Naganna

Professor & Head

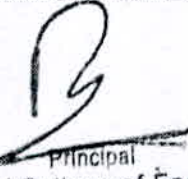
### EXTERNAL EXAMINATION

Name of the Examiners

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1. 

2. \_\_\_\_\_

  
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Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
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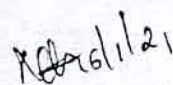
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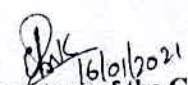
11, Chikkasandra, Hasuraghatta Main Road, Bengaluru - 560057




## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "RAILWAY MANAGEMENT SYSTEM" carried out by RITIK SAINI (ISGI8CS086) & HARSHITHA J (ISGI6CS037), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
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Assistant Professor

  
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Assistant Professor

  
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Professor & Head

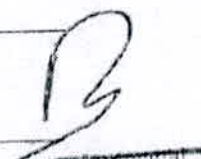
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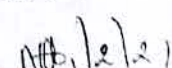
Signature with Date

1. S. Bang

2. \_\_\_\_\_

  
Principal

Sapthagiri College of Engineering  
14/5, Chikkasandra, Hasuraghatta Main Road  
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16/12/21  
  
16/12/21



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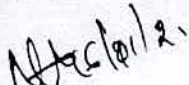
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## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "PARK TICKETING MANAGEMENT SYSTEM" carried out by RAKSHITHA M (1SG19CS405) & VARSHA H G (1SG19CS409), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide

Prof. Manasa K N

Assistant Professor

  
Signature of the Guide

Prof. Chaitra N C

Assistant Professor

  
Signature of the HOD

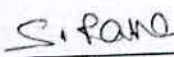
Dr. Kamalakshi Naganna

Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. 





2. \_\_\_\_\_

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057


# SAPTHAGIRI COLLEGE OF ENGINEERING


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(ISO 9001-2015 & ISO14001-2015 Certified Institute)  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.




## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "STUDENT MANAGEMENT SYSTEM" carried out by SRISHTI KUMARI (ISG18CSI14) & UPMA MAURYA (ISG18CSI22), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
Signature of the Guide  
Prof. Manasa K N  
Assistant Professor

  
Signature of the Guide  
Prof. Chaitra N C  
Assistant Professor

  
Signature of the HOD  
Dr. Kamalakshi Nagana  
Professor & Head

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Signature with Date

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14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057



## SAPTHAGIRI COLLEGE OF ENGINEERING

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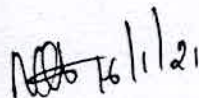
2015 & ISO14001-2015 Certified Institute)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057.

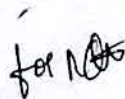


### Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "Deccan Amusement Park" carried out by S MOHIT (1SG18CS091) & SHERWIN E (1SG18CS102) students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
6/1/21

**Signature of the Guide**  
Prof. Manasa K N  
Assistant Professor



**Signature of the Guide**  
Prof. Chaitra N C  
Assistant Professor


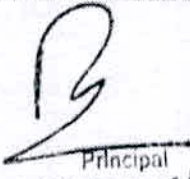


**Signature of the HOD**  
Dr. Kamalakshi Naganna  
Professor & Head

#### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

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Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057
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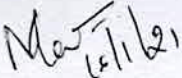
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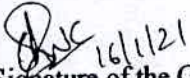
## Department of Computer Science and Engineering

### Certificate

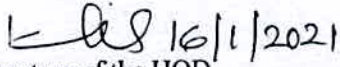
Certified that the Mini Project Work entitled "Electronic Voting System" carried out by SHREYAS.V.RAO (ISG18CS105) & SHIVANSH (ISG18CS103), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
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Dr. Kamalakshi Naganna  
Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

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Bengaluru - 560 057

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DELHI (ISO 9001-2015 & ISO14001-2015 Certified Institute)  
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## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "WAREHOUSE MANAGEMENT SYSTEM" carried out by RAKESH S(1SG18CS082) & SAGAR K(1SG18CS094), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*Manasa* 16/01/21  
Signature of the Guide

Prof. Manasa K N

Assistant Professor

*Chaitra* 16/01/21  
Signature of the Guide

Prof. Chaitra N C

Assistant Professor

*Kamalakshi* 16/01/2021  
Signature of the HOD

Dr. Kamalakshi Naganna

Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. \_\_\_\_\_

2. \_\_\_\_\_

*[Signature]* 16/02/2021  
*[Signature]* 16/02/21

<https://mail.google.com/mail/u/0/#inbox/FMfcgzGkksBKwRSvnGFgVrtPQWWnSGb?projector=1&messagePartId=0.1>

*[Signature]*  
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## Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "ONLINE NEWS PORTAL" carried out by VISHAL SAI R (ISG18CS124) & ROHAN THAMMAIAH Y C (ISG18CS088), students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

*Manasa* 16/01/21

Signature of the Guide

Prof. Manasa K N

Assistant Professor

*Chaitra* 16/1/21

Signature of the Guide

Prof. Chaitra N C

Assistant Professor

*K. Kamal* 16/01/2021

Signature of the HOD

Dr. Kamalakshi Naganna

Professor & Head

### EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. *S. Ravi*

*[Signature]*

*[Signature]*

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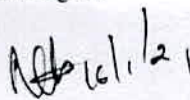
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057



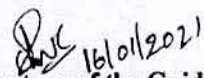
## Department of Computer Science and Engineering

### Certificate

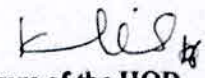
Certified that the Mini Project Work entitled "Loan Management System" carried out by VIVEK KUMAR PATEL S(18G18CS125) & SHAHADAT HUSSAIN (18G18CS099), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2020-21. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of DBMS Laboratory with Mini Project (18CSL58) prescribed for the said Degree.

  
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