



# SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-57

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

(ISO 9001:2015 & ISO 14001:2015 certified Institution Accredited by NACC with "A" Grade)

## Department of Information Science & Engineering

Academic Year : 2020-21

Subject : File Structures Laboratory with mini projects

Subject Code : 18ISL67

Semester/ Section : VI A & B

### Consolidated List of Mini Projects

Sl. No.	USN	NAME	PROJECT TITLE
1	ISG18IS056	Mansi Singh	Staff Management System
	ISG18IS004	Abhishek Raj	
2	ISG18IS017	Arnav Raj	Contact Management System
	ISG18IS037	Girish L	
3	ISG18IS090	Sameer Sharma	Grocery Store Management System
	ISG18IS095	Sharath K R	
4	ISG18IS058	Meghashree D P	School Fee Enquiry
	ISG18IS048	Kavyabhat	
5	ISG18IS047	K P Chandan	Cafeteria Management System
	ISG18IS042	Hemanth P.T	
6	ISG18IS084	Rahul M	Student Report Card
	ISG18IS125	Yashas S B	
7	ISG18IS009	Anjan Gowda C	Ayurvedic Healthcare Management System
	ISG18IS024	Bharath R	
8	ISG18IS018	Ashmita.S.R	Lic Database Management System
	ISG18IS032	Deepika S	
9	ISG18IS081	Prem Kumar R	Phone Book Management System
	ISG18IS102	Shridhar B Yaligar	
10	ISG18IS016	Arjun Br	Series Maina
	ISG18IS044	Hrithik R Kharvi	
11	ISG18IS064	Nandini N K	Student Record Management System
	ISG18IS108	Srusti R	
12	ISG18IS055	Aanchal P Jain	Student Report Management System
	ISG18IS002	Mahadevi N C	
13	ISG18IS114	Tanu Raghav	Music Platform
	ISG18IS096	Mayank Sharma	
14	ISG18IS109	Suhana S	Canteen Management System
	ISG18IS111	Sushmitha C	
15	ISG18IS077	Prajwal C Patil	Music Library
16	ISG18IS031	Darshini A	Blood Bank Management System
	ISG18IS039	Harshitha P V	
17	ISG18IS013	Anmol Singh	Covid Management System



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### Department of Information Science & Engineering

	ISG18IS060	Mithun Kumar H R	
18	ISG18IS123	Nikitha B K	School Billing System
	ISG18IS079	Yashaswini P	
19	ISG18IS098	Shetty Diksha Devdas	Calendar App Management System
	ISG18IS122	Vasudha Sn	
20	ISG18IS119	Ummai Hani	Railway Management System
	ISG18IS100	Shreya	
21	ISG17IS058	Nithin K	State Budget Management System
	ISG17IS070	Puneeth S	
22	ISG18IS051	L Sandeep Reddy	Prison Handling System
	ISG18IS011	Ankith P Chikkur	
23	ISG18IS026	Bhavana B	Book Shop Management System
	ISG18IS034	Divya S Madival	
24	ISG18IS005	Akshaya R	Complaint Management System Sor Travel Agencies
	ISG18IS059	Minju A J	
25	ISG18IS087	Nandini R	Hotel Management System
	ISG18IS069	Poornima J	
26	ISG18IS065	Nandini R	Accessory Management System
	ISG18IS076	Poornima J	
27	ISG17IS005	Akash	Doctor Appointment Management System
	ISG17IS047	Madhu M	
28	ISG18IS015	Anurag Mozumdar	Comics Title Management System
	ISG18IS025	Bhaskar Anand	
29	ISG18IS089	Sahana A	Seminar Hall Management System
	ISG18IS088	Sadvi H D	
30	ISG18IS101	Shreyas M Kaushik	Vaccinat0r
	ISG18IS068	Neha M P	
31	ISG18IS012	Ankush L	Medical Store Inventory
	ISG18IS052	Likhith N	
32	ISG18IS022	Bharath B	Computer Shop System
	ISG18IS033	Deva R	
33	ISG17IS063	Prajwal S	Football Management System
	ISG18IS072	Niranjan J Wadekar	
34	ISG18IS028	Bishak Dey	Bus Reservation Management
	ISG18IS021	Ayushman Srivastava	
35	ISG18IS071	Nilesh Kh	Notebook Computer Service Management System
	ISG18IS078	Prajwal N	
36	ISG18IS097	Suhana S	Patient Records
	ISG18IS121	Sushmitha C	
37	ISG18IS041	Vatsal Anand	College Registration System
	ISG18IS063	Prakhar Srivastava	

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38	ISG18IS014	Anshul Kumar	Law Firm Record Management System
	ISG18IS020	Ayush Srivastav	
39	ISG18IS042	Hemanth P T	Cafeteria Management System
	ISG18IS047	K P Chandan	
40	ISG18IS103	Sneha M	Employee Management System
	ISG18IS106	Spurthi V	
41	ISG17IS044	Kishore Kumar A	Bank Management System
	ISG18IS001	Aakash G Prasad	
42	ISG18IS086	Roshan Anegundi	Telecom Billing System
	ISG18IS110	Sujan Ravindra	
43	ISG16IS030	Jeevanand	Attendance Management System
	ISG17IS019	Bhoomika S	
44	ISG17IS023	Chandrakala C Y	Canteen Management System
	ISG18IS010	Anjana G Nadig	
45	ISG18IS019	Ashray B G	Truck Parking Management System
	ISG18IS043	Hemanth V Mane	
46	ISG18IS085	Ramyashree Jogi	Payroll Management System
	ISG18IS091	Sanjana M	
47	ISG18IS027	Bhupendra Chaturvedi	Voting System
	ISG18IS050	Kumar Priyanshu	
48	ISG17IS076	Rashmi K P	School Management System
	ISG18IS075	Pavithra M B	
49	ISG18IS070	Nikitha B K	Covid Management System
	ISG18IS126	Yashaswini P	
50	ISG18IS106	Spurthi V	Recipe Management System



## SAPTHAGIRI COLLEGE OF ENGINEERING


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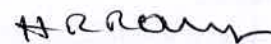
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### Department of Information Science & Engineering

	ISG18IS112	Sushmitha U	
51	ISG18IS066	Navya Shree K S	Atm Transaction System
	ISG18IS094	Sharanya Madhusudhan	
52	ISG17IS074	Rakshitha Shastry	Telephone Directory Management System
	ISG17IS103	Tejaswini G L	
53	ISG18IS040	Harshitha R	Club Management System
	ISG18IS054	Likhitha D J	
54	ISG18IS008	Ananya A	Electronics Store Management System
	ISG18IS030	Chandana H C	
55	ISG18IS006	Amale Vedika Ravindra	Document Management System
	ISG18IS038	Gouthami V Kulkarni	
56	ISG18IS012	Ankush L	Medical Store Inventory
	ISG18IS052	Likhith N	
57	ISG18IS083	Priyanka O	Store Management
	ISG18IS107	Sri Varshni K S	
58	ISG18IS003	Abhigna A Bharadwaj	Doctors' Record Management System
	ISG18IS046	K B Geeta	
59	ISG18IS105	Sparsha M N	Document Management System
	ISG19IS401	Shreya Srivastava	

  
Lab Incharge

  
HOD

Dr H.R Ranganatha  
Prof. & H.O.D

Dept. of Information Science & Engg.  
Sapthagiri College of Engineering  
# 14/5 Chikkasandra, Hesaraghatta Main Road  
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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“STAFF MANAGEMENT SYSTEM”** carried out by **ABHISHEK RAJ[1SG18IS004]**, **MANSI SINGH[1SG18IS056]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University, Belagavi** during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

**Signature of the Guide**  
Chaithra B M  
Assistant Professor

**Signature of the HOD**  
Dr H R Ranganatha  
Head of Department, ISE

**External Viva**

**Name of the Examiners**

1. ....
2. ....

**Signature of the Examiners with date**

1. ....
2. ....

**Principal**  
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**Department of Information Science and Engineering**

**CERTIFICATE**

Certified that the project work entitled **“CONTACT MANAGEMENT SYSTEM”** carried out by **ARNAV RAJ [1SG18IS017]**, **GIRISH L [1SG18IS037]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

Signature of the HOD

**External Viva**

**Name of the Examiner**

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**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“GROCERY STORE MANAGEMENT SYSTEM”** carried out by **SAMEER SHARMA [1SG18IS090]**, **SHARATH KR[1SG18IS095]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/47ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

**Signature of the Guide**  
Prof. Chaithra B M  
Assistant Professor

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

**Signature of the HOD**  
Dr. H R Ranganatha  
Head of Dept ,ISE

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Department of Information Science & Engineering

## CERTIFICATE

Certified that the project work entitled "SCHOOL FEE ENQUIRY" carried out by KAVYA BHAT[ISG18IS048], MEGHASHREE D P[ISG18IS058] bonafide students of 6<sup>th</sup> Semester, Department of Information Science & Engineering carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfilment for the 6<sup>th</sup> Semester BE, FS Mini-Project-18ISL67 by Visvesvaraya Technological University, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled “**CAFETERIA MANAGEMENT SYSTEM**” carried out by **HEMANTH P.T[1SG18IS042]**, **KP CHANDAN [1SG18IS047]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/47ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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**Department of Information Science & Engineering**

## CERTIFICATE

Certified that the project work entitled “**STUDENT REPORT CARD**” carried out by **RAHUL M[1SG18IS084]**, **YASHAS SB[1SG18IS125]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18IS167 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **AYURVEDIC HEALTHCARE MANAGEMENT SYSTEM** carried out by **ANJAN GOWDA C** [1SG18IS009], **BHARATH R** [1SG18IS024] bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, File Structure Laboratory with Mini-Project - 18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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Department of Information Science & Engineering

**CERTIFICATE**

Certified that the project work entitled "LIC DATABASE MANAGEMENT SYSTEM" carried out by ASHMITA S R [ISG18IS018], DEEPIKA S [ISG18IS032] bonafide students of 6<sup>th</sup> semester, department of Information Science & Engineering carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by Visvesvaraya Technological University, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.




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Department of Information Science & Engineering

## CERTIFICATE

Certified that the project work entitled **PHONE BOOK MANAGEMENT SYSTEM** carried out by **Prem Kumar R ISG18IS081, Shridhar.B.Yaligar ISG18IS102** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/17ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree

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**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“SERIES MANIA”** carried out by **ARJUN BR [1SG18IS016], HRITHIK R KHARVI [1SG18IS044]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/47ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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**Department of Information Science & Engineering**

## **CERTIFICATE**

Certified that the project work entitled **“STUDENT RECORD MANAGEMENT SYSTEM”** carried out by **NANDINI N K [1SG18IS064]**, **SRUSTI R [1G18IS108]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project- 18ISL67/47ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

**Signature of the Guide**

Prof. Chaithra B M  
Assistant Professor

Principal  
**Sapthagiri College of Engineering**  
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Bengaluru - 560 057

**Signature of the HOD**

Dr. H R Ranganatha  
Head of Dept, ISE

### **External Viva**

**Name of the Examiners**

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

[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“STUDENT REPORT MANAGEMENT SYSTEM”** carried out by **AANCHAL P JAIN [ISG18IS002]**, **MAHADEVI N C [ISG18IS055]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

**Signature of the Guide**  
Prof. Chaithra B M  
Assistant Professor

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

**Signature of the HOD**  
Dr. H R Ranganatha  
Head of Dept. ISE

**External Viva**

**Name of the Examiners**

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2019-2020

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

[AFFILIATED TO VIVSVESWARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“MUSIC PLATFORM”** carried out by **SHARMA MAYANK [ISG18IS096]**, **TANU RAGHAV [ISG18IS114]** bonafide students of 6<sup>th</sup> Semester, Department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfilment for the 6<sup>th</sup> Semester BE, FS Mini-Project-18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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Chaithra B M  
Assistant Professor

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**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled “ **CANTEEN MANAGEMENT SYSTEM**” carried out by **SUHANA S [1SG18IS109]**, **SUSHMITHA C [1SG18IS111]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project- 18ISL67/17ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

**Signature of the Guide**

Prof. Chaithra B M  
Assistant Professor

**Signature of the HOD**

Dr. H R Ranganatha  
Head of Dept, ISE

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

**External Viva**

**Name of the Examiners**

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**Signature of the Examiners with date**

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

[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **"MUSIC LIBRARY"** carried out by **PRAJWAL C PATIL [1SG18IS077]** bonafide student of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

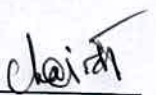
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**Signature of the Guide**

  
\_\_\_\_\_  
**Principal**  
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**Signature of the HOD**



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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]




**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“BLOOD BANK MANAGEMENT SYSTEM”** carried out by **DARSHINI A [1SG18IS031], HARSHITHA PV [1SG18IS039]** bonafide students of 6<sup>th</sup> Semester, Department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering, Bengaluru** in partial fulfilment for the 6<sup>th</sup> Semester BE, FS Mini-Project-18ISL67 by **Visvesvaraya Technological University, Belagavi** during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
**Signature of the Guide**  
Prof. Chaithra BM  
Assistant Professor

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

  
**Signature of the HOD**  
Dr H R Ranganatha  
Head of Dept, ISE

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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“COVID MANAGEMENT SYSTEM”** carried out by **ANMOL SINGH [1SG18IS013]**, **MITHUN KUMAR H R [1SG18IS060]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project- ~~18ISL67/17ISL68~~ by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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Assistant Professor

**Signature of the HOD**

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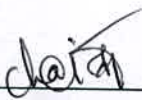
[AFFILIATED TO VIVSVESWARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]




**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“SCHOOL BILLING SYSTEM”** carried out by **VATSAL ANAND [ISG18IS123], PRAKHAR SRIVASTAVA [ISG18079]** bonafide students of 6<sup>th</sup> Semester, Department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfilment for the 6<sup>th</sup> Semester BE, FS Mini-Project-1 by **Visvesvaraya Technological University**, Belagavi during the year 2019-20. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
\_\_\_\_\_  
**Signature of the Guide**  
Chaithra B M  
Assistant Professor  
**External Viva**

  
\_\_\_\_\_  
**Principal**  
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**Department of Information Science & Engineering**

## CERTIFICATE

Certified that the project work entitled **“CALENDAR APP MANAGEMENT SYSTEM”** carried out by **SHETTY DIKSHA DEV DAS [1SG18IS098], VASUDHA SN [1SG18IS122]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project- 18ISL67/17ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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Assistant Professor

**Principal**  
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## SAPTHAGIRI COLLEGE OF ENGINEERING

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

[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



*Department of Information Science & Engineering*

### CERTIFICATE

Certified that the project work entitled "RAILWAY MANAGEMENT SYSTEM" carried out by Shreya[ISG18IS100], Ummal Hani[ISG18IS119] bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/17ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.



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[AFFILIATED TO VIVSVESWARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

## **CERTIFICATE**

Certified that the project work entitled **“STATE BUDGET MANAGEMENT SYSTEM”** carried out by **NITHIN K [1SG17IS058]**, **PUNEETH S [1SG17IS070]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, File Structures Mini-Project-1 **ISL67** by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

Principal

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**SAPTHAGIRI COLLEGE OF ENGINEERING**  
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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“PRISON HANDLING SYSTEM”** carried out by **ANKITH P CHIKKUR [1SG18IS011], SANDEEP REDDY L [1SG18IS051]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/17ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“BOOK SHOP MANAGEMENT SYSTEM”** carried out by **BHAVANA B[ISG18IS026]**, **DIVYA S MADIVAL [ISG18IS034]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/17HSL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“COMPLAINT MANAGEMENT SYSTEM FOR TRAVEL AGENCIES”** carried out by **AKSHAYA R [1SG18IS005], MINJU A J [1SG18IS059]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering, Bengaluru** in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University, Belagavi** during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

**Signature of the Guide**

Chaithra B M  
Assistant Professor

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

**Signature of the HOD**

Dr H R Ranganatha  
Head of Dept, ISE

**External Viva**

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**SAPTHAGIRI COLLEGE OF ENGINEERING**  
**14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057**  
[AFFILIATED TO VIVSVESWARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“HOTEL MANAGEMENT SYSTEM”** carried out by **NIKHIL SHETTY [ISG18IS069]**, **S KALIFULLAH DHAMEEM ANSARI [ISG18IS087]** bonafide students of 6<sup>th</sup> Semester, Department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfilment for the 6<sup>th</sup> Semester BE, FS Mini-Project-18ISL6 by **Visvesvaraya Technological University**, Belagavi during the year 2019-20. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

External Viva

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

Signature of the HOD

Name of the Examiners

Signature of the Examiners with date

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

[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled “**ACCESSORY MANAGEMENT SYSTEM**” carried out by **NANDINI R [1SG18IS065]**, **POORNIMA J [1SG18IS076]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/17ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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Principal

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

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**Name of the Examiners**

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**SAPTHAGIRI COLLEGE OF ENGINEERING**  
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057  
[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“DOCTOR APPOINTMENT MANAGEMENT SYSTEM”** carried out by **AKASH [1SG17IS005], MADHU M [1SG17IS047]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> semester BE, FILE STRUCTURES Mini-Project-19iSL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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Signature of the HOD

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



**SAPTHAGIRI COLLEGE OF ENGINEERING**  
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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled “**SEMINAR HALL MANAGEMENT SYSTEM**” carried out by **SADVI H D [1SG18IS088]**, **SAHANA A [1G18IS089]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project- 18ISL67/47ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

**Signature of the Guide**

Prof. Chaithra B M

Assistant Professor

**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesaraghatta Main Road  
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Dr. H R Ranganatha

Head of Dept, ISE

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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled “**VACCINATOR**” carried out **SHREYAS M KAUSHIK [1SG18IS101]**, **NEHA M P [1SG18IS068]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

## **CERTIFICATE**

Certified that the project work entitled **“MEDICAL STORE INVENTORY”** carried out by **ANKUSH L [1SG18IS012], LIKHITH N [1G18IS052]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project- 18ISL67/18ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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Assistant Professor

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### **External Viva**

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# SAPTHAGIRI COLLEGE OF ENGINEERING

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057  
[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



Department of Information Science & Engineering

## CERTIFICATE

Certified that the project work entitled “**COMPUTER SHOP SYSTEM**” carried out by **BHARATH B [1SG18IS022]**, **DEVA R [1SG18IS033]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/17ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



Department of Information Science & Engineering

## CERTIFICATE

Certified that the project work entitled **“FOOTBALL MANAGEMENT SYSTEM”**

carried out by **NIRANJAN J WADEKAR [1SG18IS072], PRAJWAL S [1SG17IS063]** presently students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/18ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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## Bus Reservation System

**SAPTHAGIRI COLLEGE OF ENGINEERING**  
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**Department of  
Engineering**



**Information Science &**

### **CERTIFICATE**

Certified that the project work entitled **"BUS RESERVATION SYSTEM"** carried out by **B DEY [1SG18IS028]**, **AN SRIVASTAVA [1SG18IS021]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering, Bengaluru** in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/17ISL68 by **Visvesvaraya Technological University, Belagavi** during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Signature of the Guide

Principal

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

Signature of the HOD

### External Viva

Name of the Examiners

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Signature of the Examiners with date

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

[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“NOTEBOOK COMPUTER SERVICE MANAGEMENT SYSTEM”** carried out by **NILESH K H [1SG18IS071], PRAJWAL N [1SG18IS078]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering, Bengaluru** in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/18ISL68 by **Visvesvaraya Technological University, Belagavi** during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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**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**

[AFFILIATED TO VIVSVESWARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“PATIENT RECORDS”** carried out by **SHASHWAT SETH [1SG18IS097], VANSHIKA SINGH [1SG18IS121]**

bonafide students of 6<sup>th</sup> Semester, Department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfilment for the 6<sup>th</sup> Semester BE, FS Mini-Project-1~~ISL67~~ by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

**Signature of the Guide**

Chaithra B M  
Assistant Professor

**Signature of the HOD**

Dr H R Ranganatha  
Head of Dept, ISE

**External Viva**

**Name of the Examiners**

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**SAPTHAGIRI COLLEGE OF ENGINEERING**  
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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“COLLEGE REGISTRATION SYSTEM”** carried out by **NANDANA S HEGDE [ISG18IS063]**, **HEMANTH KUMAR K[ISG18IS041]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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

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

[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“LAW FIRM RECORD MANAGEMENT SYSTEM”** carried out by **ANSHUL [1SG18IS014], AYUSH [1SG18IS020]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering, Bengaluru** in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University, Belagavi** during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

**Signature of the Guide**

Chaithra B M  
Assistant Professor

Principal

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Bengaluru - 560 057

**Signature of the HOD**

Dr H R Ranganatha  
Head of Dept, ISE

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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled “**CAFETERIA MANAGEMENT SYSTEM**” carried out by **HEMANTH P.T[1SG18IS042]**, **KP CHANDAN [1SG18IS047]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/17ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

**Signature of the Guide**  
Prof. Chaithra B M  
Assistant Professor

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

**Signature of the HOD**  
Dr. H R Ranganatha  
Head of Dept, ISE

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**SAPTHAGIRI COLLEGE OF ENGINEERING**  
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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“EMPLOYEE MANAGEMENT SYSTEM”** carried out by **SNEHA M [1SG18IS103], TEJASWINI T [1SG18IS116]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

**Signature of the Guide**  
Chaithra B M  
Assistant professor

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Dr H R Ranganatha  
Head of Dept, ISE

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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“BANK MANAGEMENT SYSTEM”** carried out by **KISHORE KUMAR A [1SG17IS044]**, **AAKASH G PRASAD [1SG18IS001]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/47ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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**SAPTHAGIRI COLLEGE OF ENGINEERING**  
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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**


Certified that the project work entitled **“TELECOM BILLING SYSTEM”** carried out by **ROSHAN ANEGUNDI [1SG18IS086]**, **SUJAN RAVINDRA [1G18IS110]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project- 18ISL67/174SE68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.



**Signature of the Guide**

Prof. Chaithra B M

Assistant Professor

  
**Signature of the HOD**

Dr. H R Ranganatha

Head of Dept, ISE

**External Viva**

**Name of the Examiners**

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Principal  
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Bengaluru - 560 057



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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled “**ATTENDANCE MANAGEMENT SYSTEM**” carried out by **JEEVANAND CB [ISG16IS030]**, **BHOOMIKA S [ISG17IS019]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> semester BE, FILE STRUCTURES Mini-Project-12ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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Principal

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



**Signature of the HOD**

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

[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled “**CANTEEN MANAGEMENT SYSTEM**” carried out by **ANJANA G NADIG [ISG18IS010]**, **CHANDRAKALA C Y [ISG17IS023]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

**Signature of the Guide**  
Prof. Chaitra B M  
Assistant Professor

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

**Signature of the HOD**  
Dr. H R Ranganatha  
Head of Dept.ISE

**External Viva**

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


[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

## CERTIFICATE


Certified that the project work entitled **“TRUCK PARKING MANAGEMENT SYSTEM”** carried out by **ASHRAY B G [ISG18IS019], HEMANTH V MANE [1G18IS043]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/17ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
\_\_\_\_\_  
**Signature of the Guide**

Prof. Chaithra B M  
Assistant Professor

  
\_\_\_\_\_  
**Principal**

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

  
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**Signature of the HOD**

Dr. H R Ranganatha  
Head of Dept, ISE

### External Viva

**Name of the Examiners**

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**Signature of the Examiners with date**

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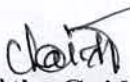
**SAPTHAGIRI COLLEGE OF ENGINEERING**  
**14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057**  
[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]




**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“PAYROLL MANAGEMENT SYSTEM”** carried out by **RAMYASHREE JOGI [1SG18IS085]**, **SANJANA M [1SG18IS091]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfilment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
Signature of the Guide

Prof. Chaithra B M  
Assistant Professor

  
Signature of the HOD

Dr H R Ranganatha  
HOD, I.S.E., S.C.E.

  
Principal  
**Sapthagiri College of Engineering**  
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**SAPTHAGIRI COLLEGE OF ENGINEERING**  
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)  
(IAO9001-2015 and ISO14001-2015 certified Institute)  
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057



**Department of Information Science & Engineering**

**CERTIFICATE**

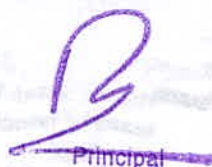
This is to Certify that the **B.E.** Mini-Project work entitled **Voting System** carried out by **Mr. Kumar Priyanshu(1SG18IS050) and Mr. Bhupendra Chaturvedi(1SG18IS027)** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment of the award of **Bachelor of Engineering in Information Science & Engineering** of the **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Mini-Project work prescribed for the said Degree.

  
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**Signature of the Guide**  
Prof. Chaithra B. M  
Assistant Professor

  
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**Signature of the HOD**  
Dr H R Ranganatha  
HOD, I.S.E., S.C.E.

  
\_\_\_\_\_

**Principal**

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14/5, Chikkasandra, Hesaraghatta Main Road  
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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**


**CERTIFICATE**

Certified that the project work entitled **“SCHOOL MANAGEMENT SYSTEM”** carried out by **PAVITHRA M B [ISG18IS075], RASHMI K P [ISG17IS076]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/17ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“COVID MANAGEMENT SYSTEM”** carried out by **NIKITHA BK [ISG18IS070]**, **YASHASWINI P [ISG18IS126]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, **FILE STRUCTURES** Mini-Project-18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**


## CERTIFICATE

Certified that the project work entitled **“RECIPE MANAGEMENT SYSTEM”** carried out by **SPURTHI V [1SG18IS106]**, **SUSHMITHA U [1G18IS112]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project- 18ISL67/17ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
\_\_\_\_\_  
**Signature of the Guide**

Prof. Chaithra B M  
Assistant Professor

  
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Dr. H R Ranganatha  
Head of Dept, ISE

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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]




**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“ATM TRANSACTION SYSTEM”** carried out by **NAVYA SHREE K.S [1SG18IS066], SHARANYA MADHUSUDHAN [1SG18IS094]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering, Bengaluru** in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/17ISL68 by **Visvesvaraya Technological University, Belagavi** during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
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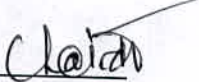
[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**


**CERTIFICATE**

Certified that the project work entitled **"TELEPHONE DIRECTORY MANAGEMENT SYSTEM"** carried out by **RAKSHITHA SHASTRY M [1SG17IS074]**, **TEJASWINI G L [1SG17IS103]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/17ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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

  
Signature of the HOD

**External Viva**

**Name of the Examiners**

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**Signature of the Examiners with date**

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

[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]

**Department of Information Science & Engineering**



**CERTIFICATE**

Certified that the project work entitled **CLUB MANAGEMENT SYSTEM** carried out by **HARSHITHA R[1SG18IS040]**, **LIKHITHA D J[1SG18IS054]** bonafide students of 6<sup>th</sup> semester, **department of Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

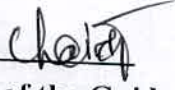
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**Signature of the Guide**  
Chaithra B M  
Assistant Professor

  
**Principal**  
**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesaraghatta Main Road  
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**Signature of the HOD**  
Dr H R Ranganatha  
Head of Dept,ISE


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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]




**Department of Information Science and Engineering**

**CERTIFICATE**

Certified that the project work entitled **“ELECTRONIC STORE MANAGEMENT SYSTEM”** carried out by **ANANYA A [1SG18IS008]**, **CHANDANA H C [1SG18IS030]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
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[AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **"DOCUMENT MANAGEMENT SYSTEM"** carried out by **AMALE VEDIKA RAVINDRA [1SG18IS006], GOUTHAMI V KULKARNI [1SG18IS038]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering, Bengaluru** in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL6747HSL68 by **Visvesvaraya Technological University, Belagavi** during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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Prof. Chaithra B M

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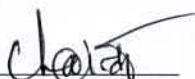
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**Department of Information Science & Engineering**

## CERTIFICATE


Certified that the project work entitled **“MEDICAL STORE INVENTORY”** carried out by **ANKUSH L [1SG18IS012], LIKHITH N [1G18IS052]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project- 18ISL67/47ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
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Prof. Chaithra B M  
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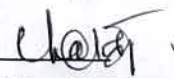
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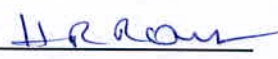


**Department of Information Science & Engineering**

## **CERTIFICATE**

Certified that the project work entitled **“STORE MANAGEMENT”** carried out by **PRIYANKA O [1SG18IS083]**, **SRI VARSHNI K S [1SG18IS107]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67/47ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
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**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“DOCTORS RECORD MANAGEMENT SYSTEM”** carried out by **ABHIGNA A BHARADWAJ [1SG18IS003], KB GEETA [1SG18IS046]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project-18ISL67 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

  
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**Department of Information Science & Engineering**

**CERTIFICATE**

Certified that the project work entitled **“DOCUMENT MANAGEMENT SYSTEM”** carried out by **SPARSHA M N [1SG18IS05], SHREYA SRIVASTAVA [1SG19IS401]** bonafide students of 6<sup>th</sup> semester, department of **Information Science & Engineering** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment for the 6<sup>th</sup> Semester BE, FILE STRUCTURES Mini-Project- 18ISL6747ISL68 by **Visvesvaraya Technological University**, Belagavi during the 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 project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

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