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(Accredited by NAAC with "A" Grade) (Accredited by NAAC with "A" Grade) (ISO 9001:2015 & ISO 14001:2015 Certified)							
APTHA	DEPA	RTMENT OF COMPU	FER SCIENCE & ENGINEERING				
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ore,		VIth SEM MAD MINI PROJ	ECT LIST Academic year-2022-				
NO.	USN	NAME	PROJECT TITLE				
NO.	1SG20CS001	ABHISHEK G B	PROJECT IIILE				
1	1SG20CS001	ABHISHEK K J	GST billing app				
· · · ·	1SG20CS062	Monisha P S	OUT Diming app				
2	1SG20CS070	Nuhushan Shareef S	Truth and dare app				
(C11)	1SG20CS079	Pramit Kumar Mandal					
3	1SG20CS086	Rishav Anand	android sticky notes app				
	1SG20CS055	Khushi Shekhar T C					
4	1SG20CS022	Bhoomika D K	Meditation app				
	1SG20CS005	Aishwarya Lakshmi R					
5	1SG20CS011	Apoorva V	Income tax and EMI calculator				
c	1SG20CS096 1SG20CS104	Shashank P					
6		Sukhpreet Singh Jyothi N	slide to glitch app				
7	1SG20CS050 1SG20CS047	Hruthkarsha D S	whatsapp status saver app				
	1SG20CS015	Arpitha R					
8	1SG20CS023	Chaitra D	drawing app				
	1SG20CS068	Nisarga S					
9	1SG20CS076	Poornima T	Medicine remainder Android app				
	1SG20CS115	Nisarga S					
10	1SG20CS102	Sneha S	Android sudoku app				
	1SG20CS061	Manasa K G					
1	1SG20CS067	Nikshitha K	Flying fish game app				
	1SG20CS053	Kavya S					
2	1SG20CS054	Keerthana S	food recipe app				
13	1SG20CS033 1SG20CS041	Divya B S H N Nithyasree	CSE Question bank app				
13	15G20CS091	Sahana N	CSE Question bank app				
14	1SG20CS101	Shreya Shetty S	media player application				
1	1SG20CS014	Arpitha M N					
5	1SG20CS012	Archana G	Doctor appointment application				
	1SG20CS013	Archana S					
16	1SG20CS059	Kumudha HI	News Application				
	1SG21CS400	Aishwarya S					
17	1SG21CS403	HV Manoj Kumar	Baking app				
	1SG20CS085	Rakshith G C					
18	1SG20CS095 1SG20CS108	Sharath Y P Vandana M S	pincode generator app				
9	1SG20CS108	Varshitha C	vehicle parking app				
1	1SG21CS409	Manisha K	venice barking app				
20	1SG21CS413	Rachana N B	Android Weather App				
	1SG20CS074	Pavithra BL					
21 22	1SG20CS075	Pavithra H	Binary to decimal calculator				
	1SG21CS408	Kavana v					
	1SG21CS406	KS Tanmayi	Flappy bird master				
	1SG20CS003	Aditya Adiga K					
3	1SG19CS067	Naveen Kumar M	Chatgpt application				
24	1SG20CS097	Shilpa Biradar					
.4	1SG20CS111 1SG20CS044	Vindhya G	Android text encryption using various algorithm				
25	1SG20CS044 1SG20CS045	Harshitha J Hithaishi S					
20	1SG20CS028	Deepthi S	BMI calculator app				
26	1SG20CS029	Deepthi S Hegde	Android Linit Converter				
	1SG20CS098	Shilpa G P	Android Unit Convertor				
27	1SG20CS093	Sangeetha J	snake game				
	1SG20CS057	Kruthi.S	onava Aguna				
28	1SG20CS035	Dyuthi A. I	Piano App in Android studio				
	1SG20CS039	Gaurav Singh					
9	1SG20CS019	Badal kumar	Live tv streaming app				
	1SG20CS026	Chandana V					

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30	1SG20CS034	Divya N	Online food ordering app	
	1SG20CS072	Pavan Kumar P	200003-222 22 - 2220 - M	
31	1SG20CS112	Vipin K S	Pinball game application	_
	1SG21CS407	Karan.S.Naidu		
32	1SG21CS405	Kiran Kumar	Countdown timer app	-
	1SG20CS073	Pavan.R		-
33	1SG20CS089	S.Vinod Kumar	Android first aid application	
	1SG20CS063	N.PanduRange Gowd		
34	1SG20CS065	Navneet Naman	Car racing game	
	1SG20CS064	Nagaraju k		
35	1SG20CS077	Pradeep Kumar	video editor app	
11	1SG20CS020	Bharath Gowda s		
36	1SG20CS009	Ankush Gowda R	WOMEN SAFTEY APPLICATION	
	1SG21CS402	Dushyanth G		
37	1SG20CS052	Kaviraj	Attendance Monitoring app	
	1SG21CS404	Jaswanth Aradhya S		
38	1SG21CS401	Dhanush Y T	LUDO game	
	1SG20CS037	Ganesh H P		
39	1SG20CS031	Devadutta B R	Simple math guiz application	
	1SG20CS021	Bhaskar P	omple main quiz application	-
		Chandu T R	Ringer to desimal convertes	
40	1SG20CS027 1SG20CS082		Binary to decimal converter	-
	in the second	Preetham S G	the first state of the first state of the st	
41	1SG20CS100	Shravan L	expense tracker application	
	1SG20CS032	Dhanraj P		1
12	1SG20CS024	Chandan C S	Voice recorder and player app	
42		Santhosh D	voice recorder and player app	-
	1SG20CS094		Above for it depending any limiting	
43	1SG20CS114	Vivan Kushal	Ahaar food donation application	-
	1SG20CS058	Kumarswamy B U		
44	1SG20CS080	Pramod Kumar S J	Android Healthcare Application	
44	The state and the second second second		Android Healthcare Application	-
	1SG20CS008	Akshay Kumar Joshi	2	-
45	1SG20CS010	Anstin George	Save the bunny game app	-
	1SG20CS048	Jayanth M	L 10. 10. 10. 10. 10.	
46	1SG20CS051	K Saravanan	Tic tac toe game application	-
	1SG20CS083	Punith.S		
47	1SG20CS081	Praveen Kumar N	Morse code generation app	_
	1SG20CS078	Prakhar Suraj		
48	1SG20CS110	Vidish Gupta	3D Candy crush game	_
	1SG20CS088	S.Mehak Afreen		
49	1SG20CS092	Sakshee Singh	Date of birth calculator	
	1SG20CS105	Surýakant		
50	1SG20CS107	Ujwal Gowda.V	Candy crush application	
	1SG20CS087	Ritik Raj		
51	1SG21CS412	Nischitha BG	Music player application	
	1SG20CS099	Shivuroopesh M		
52	1SG20CS113	Vishwas H R	Chatting app	
a series	1SG21CS415	Tejaswini M	and the second sec	
53	1SG19CS407	Sandhya M	Pack your bag Application	
1	1SG20CS030	Deepti Kulkarni		
54	1SG20CS049	Jishnu Jayadevan	COVID 19 tracker application	-
	1sg21cs414	Sagar T		-
55	1sg21cs414	Manoj N	Ello application	
55	1SG20CS007		File application	
EC	the second s	Akash pujari	the base of the second s	
56	1SG20CS004	Aditya Singh	clipboard app	_
	1SG20CS066	Naweel Manjoor		
57	1SG20CS069	Nishant P Chouhan	android job portal	
	1SG20CS106	Tsewang Choskit		
58	1SG20CS071	Monika Panchal	Base-2 to base-10 & base-16 converter	
	1SG20CS016	Arya Sinha		
59	1SG20CS018	Aveek Chakraborty	Language learning application	
60	1SG20CS006	Aishwarya Singh		1
	1SG20CS025	Chandana DS	Task manager system	
	1SG20CS036	Fahad Mohammed		
61	1SG20CS040	Gaurav Yadav	GPS Tracker	
	1SG21CS416	Triveni B G		
62	1SG21CS417	Yashaswini P Reddy	Android Tetris Game	
63	1SG20CS084	PUSHPENDER KUMAR	Portfolio and cv app	

Principal Principal Sapthagiri Octioge of Engineering Chikkasandra, Hesaraghatta Road Bangalore-560 057

64	1SG20CS017	Atul Anand	simple alarm clock app	
65	1SG21CS411	Maruthi g	and the second sec	
	1SG20CS060	Likhith B	Asynchronous task	
66	1SG20CS046	Hriday Thapa	Breakout Ball game app	
	1SG20CS038	Ganesha S		
67	1SG20CS042	Harsh Kumar	memory game app	
	1SG20CS056	Kishan kumar		and a second

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Department of Computer Science and Engineering (Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "GST Billing App" carriedout by ABHISHEK G B (18G20C5001) ABHISHEK K J(18G20C5002), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in ComputerScience and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

QLA

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

Name of the Examiners

1. Dr. Sunantt. V 2. Vanitha G.P

Signature with Date

Principal Sapthagirl College of Engineering Chikkasandra, Hesaraghatia Road Bangalore-560 057

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Department of Computer Science and Engineering

SAPTHAGIRI

Certificate

This is to certify that the Mini Project Work entitled "Truth and Dare Game Application" carried out by MONISHA P'S (ISG20CS062), NUHUSHAN SHAREEF S(ISG20CS070), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Mrs. Vanitha G P Assistant Professor Signature of the Guide Ms. Hemalatha K Assistant Professor

W14/07

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. Madhushore 2 Lanjan. Gr

Principal 2

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Department of Computer Science and Engineering

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Certificate

This is to certify that the Mini Project Work entitled "Android Sticky Notes Application" carried out by RISHAV ANAND (1SG20CS086), PRAMIT KUMAR MANDAL(1SG20CS079), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof. Vanitha G P Assistant Professor

Signature of the Guide Prof. Hemalatha K Assistant Professor

ee/14/07/202

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. Madhushare 2. Ranfu G

Sapthagin College of Engineering ing, Hesaraghatta Road Chika

Lancalore- 560 05

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Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Meditation Application" carried out by Bhoomika D K (15G20CS022), Khushi Shekhar T C(15G20CS055), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

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Signature of the Guide Ms.Hemalatha K Assistant Professor

North

Signature of the Guide Mrs. Vanitha G P Assistant Professor

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Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

Dr. Sumarte V 2. Vanitha g.P.

Signature with Date 19/2

Principal Sapthagirl College of Engineering Chikkasanora, Hesaraghatta Road

Bangalore- 560.057,

Affiliated to VTU, Belagavi, Approved by AICTE, NEW DELHI (ISO 9001-2015 & ISO14001-2015 certified Institute) 14/5, NAAC accredited with A Grade, Chikkasandrn, Hesarghatta Main Road, Bengaluru - 560057

Department of Computer Science and Engineering (Accredited by NBA)



CERTIFICATE

This is to certify that the mini project work entitled "Income tax and Emi Calculator" carried out by Aishwarya Lakshmi R(1SG20CS005) and Apoorva V(1SG20CS011), 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 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said degree.

Signature of the Guide Prof. Hemalatha K Assistant Professor

Signature of the Guide Prof. Vanitha G P Assistant Professor

EXTERNAL EXAMINATION

Signature of the HOD Dr. Kamalakshi Naganna Professor & Head

Name of the Examiners

2. Vonitha 4.P

Principal the girl College of Engineering Ulinkkasandra, Hesaraghatta Road Bangalore- 560 057

Signature with Date

19 7 23

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Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "SlideToGlitch Application" carried out by SHASHANK P (ISG20CS096), SUKHPREET SINGH (ISG20CS104), bonafide students of Sapthagin College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in ComputerScience and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2022- 2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Jonit

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. Madhushree

Principal Principal Chikkasandra, Hesaraghatta Road Bangalore- 560 057

(e/8/8/2)



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Bengaluru-560057

Department of Computer Science and Engineering

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Certificate

This is to certify that the Mini Project Work entitled "WhatsApp Status Saver application" carried out by IRU HIKARSHADS (ISG20CS047), IYO1HIN (ISG20CS050), bonafide students of Sapthagin 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (I8CSMP68) prescribed for the said Degree.

Signature of the Guide Mrs. Vanitha G P Assistant Professor HB

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sumanth. V

2. Vanitha 4.P

Principar Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore- 560 057

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

Signature/with Date 20 7 23 \$ 2017/27



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Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Drawing Application" carried out by Arpitha R(1SG20CS015), Chaitra D(1SG20CS023), 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 2022- 2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

2. Vanitha G.P

Signature with Date

Signature of the HOD

Dr. Kamalakshi Naganna

Professor& Head

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Principal Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore- 560 057

Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi

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Bengaluru - 560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Android Medicine Reminder App" carried out by NISARGA S (1SG20CS068), POORNIMA T (1SG20CS076), 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 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Ms. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

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Signature of the HOD Dr.Kamalakshi Naganna Professor & HOD

EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

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1. Madhurbee 2. Ranjan · G · Chikkacendre, Hesereghatte Road

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(ISO 9001-2015 & ISO14001-2015 Certified, Accredited by NAAC with "A" Grade)

#14/5, Chikkasandra, Hesarghatta Main Road,

Bengaluru - 560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Android Sudoku Game" carried out by NISARGA S (1SG20CS115).SNEHA S (1SG20CS102), 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 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

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Signature of the Guide Ms. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K

Assistant Professor

les/4/07/102 Signature of the HOD

Dr.Kamalakshi Naganna Professor & HOD

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sunarth. V 2. Madhushare

Principal Sapthagiri College of Engineering Chikkasendra, Hesaraghatta Road Bangalore-560 057

Signature with Date



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Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Flying Fish Game Application" carried out by MANASA K G(1SG20CS061), NIKSHITHA K(1SG20CS067), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Sorit

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sunartt. V 2. Vanitha G.P

Signature with Date

Ells 14/07/201

Signature of the HOD

Dr. Kamalakshi Naganna

Professor& Head

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Eapthanted Doulege of Engineering Chiksensore, Hesaraghatta Road Bangalore-560 057

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Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Food Recipe Application" carried out by KAVYA S (1SG20CS053). KEERTHANA S (1SG20CS054), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

10 -

Signature of the HOD Dr. Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

1. Dr. Summith. V 2 Vanitha G.P

Signature with Date

56/7/27 20/1/27

Sapthagirl College of Engineering Chikksegodre, Hesaraghatta Road Sangelore-560 057

SAPTHAGIRI COLLEGE OF ENGINEERING Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

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Department of Computer Science and Engineering

(Accredited by NBA)



This is to certify that the Mini Project Work entitled "CSE QUESTION BANK APPLICATION" carried out by DIVYA B S (1SG20CS033), H N NITHYASREE(1SG20CS041), bonafide students of Sapthagin 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

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Signature of the Guide Mrs. Vanitha G P Assistant Professor

Name of the Examiners

1. Dr. Aumanth, V 2. Nonithe 4.P

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

0

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

Signature with Date

9 19/2/23

Principal Santhagirl College of Engineering Childke sendre, Hesaraghatta Road Bangalore- 560 067

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Department of Computer Science and Engineering



Certificate

Certified that the Mini Project Work entitled "MEDIA PLAYER APPLICATION" carried out by SAHANA N (ISG20CS091) & SHREYA SHETTY S(ISG20CS101), 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 2022-23. 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 MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Vacitt Signature of the Guide Prof. Vanitha G P Assistant Professor

Signature of the Guide Prof. Hemalatha K Assistant Professor

K en 14/07/202

Signature of the HOD Dr. Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

r College of Engineering

Chikkasendre, Hesaraghatta Road

Salleniore

Name of the Examiners

1. Madhushee 2. Ranfan Gmin

Signature with Date

Mi17/23

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

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(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "News Application" carried out by ARCHANA S (18G20C8013). KUMUDHA H I (18G20C8059), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in ComputerScience and Engineering of Visvesvaraya Technological University. Belagavi during the academic year 2021-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Mrs.Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sunant. V 2. Vonithe G.P

17(23

en14/07/2020

Signature of the HOD

Dr. Kamalakshi Naganna

Professor& Head

· 9 19/1/10

Signature with Date

Principa Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore- 560 057

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Baking App" carried out by AlSHWARYA.S (1SG21CS400), H.V MANOJ KUMAR (1SG21CS403) 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof. Hemalatha K Assistant Professor

17

Vorite

Signature of the Guide Prof.Vanitha G.P Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sumanth.V

2 Madhuppe

Signature with Date

Signature of the HOD

Dr. Kamalakshi Naganna

Professor& Head

Principal Sapthagiri College of Engineering Chikkasandra, Hesaraghatta Road Bangalore- 560 057

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) 1SO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Pincode Generator Application" carriedout by SHARATH Y P(1SG20CS095), RAKSHITH G C(1SG20CS085), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in ComputerScience and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2021- 2022. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof.Vanitha G P Assistant Professor

Signature of the Guide Prof.Hemalatha K Assistant Professor

le)14

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

17/7/23

1. Madhusheru 2. Rangen G. Principal 2. Rangen G. Principal September College of Engineering Ghikkasandra, Hesaraghalia Road Ghikkasandra, Hesaraghalia Road Bangalore-560 057

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with 'A' Grade, Accredited by NBA #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Vehicle Parking App" carried out by VANDANA M S(1SG20CS108) & VARSHITHA C(1SG20CS109), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of Mobile Application Development with Mini Project (18CSMP68) prescribed for the said Degree.

Vorit

Signature of the Guide Prof. Vanitha G P Assistant Professor

HE.

Signature of the Guide Prof. Hemalatha K Assistant Professor

4/5/67/202

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Marchushace

Mig 12/23 Lis 12/22

Signature with Date

air College of Engineering arachatta Road

Principal

Sangalore- 560 057

Affiliated to VTU Belagavi. Approved by AICTE, NEW DELHI (ISO 9001-2015 & ISO14001-2015 certified Institute)

NAAC Accredited with A Grade 14.5.Chikkasandra, Hessarghatta Main Road,Bengaluru-560057



Department of Computer Science and Engineering

Certificate

Certified that the Mini Project Work entitled "ANDROID WEATHER APP" carried out by MANISHA K (ISG21CS409) & RACHANA N B (ISG21CS413). 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 2022-23. It is certified that all all corrections/suggestions indicated for Internal Assessment have been incorporated in the 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 Mobile Application Development Laboratory with Mini Project (I8CSMP68) prescribed for the said Degree.

Signature of the Guide Ms. Hemalatha K Assistant Professor

20

Signature of the Guide

Signature of the Guide Prof. Vanitha G.P

Associate Professor

Kels14 07 hon

Signature of the HOD Dr. Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sumarth. V

2. Madhughan

Signature with Date

78/2/27

e of Engineering Sapthagir Hesaraghatta Road

Sancalore.

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified. Accredited by NAAC with 'A' Grade. Accredited by NBA #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Binary to Decimal Calculator" carried out by PAVITHRA B L(1SG20CS074) & PAVITHRA H(1SG20CS075), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of Mobile Application Development with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof. Vanitha G P Assistant Professor

HAR.

Signature of the Guide Prof. Hemalatha K Assistant Professor

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

7 7/23

2 Rankey G

Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore- 560 057



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



Department of Computer Science and Engineering Certificate

Certified that the Mini Project Work entitled "FLAPPY BIRD MASTER carried out by KS TANMAYI (ISG21CS406) & KAVANA V (ISG21CS408),

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 2022-23. It is certified that all all corrections/suggestions indicated for Internal Assessment have been incorporated in the 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 Mobile Application Development Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Ms. Hemalatha K Assistant Professor Signature of the Guide Prof. Vanitha G.P

Associate Professor

Banda

Signature of the HOD Dr. Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

ge of Engineering

a, Hesaraghatta Road

Name of the Examiners

1. Dr. SUMANTH.V

2. Madhughre

Signature with Date

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 (Accredited by NBA)

Certificate

Certified that the Mini Project Work entitled "CHATGPT APPLICATION" carried out by ADITYA ADIGA K (1SG20CS003) & NAVEEN KUMAR M (1SG19CS067), 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 2022-23. 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 MAD Laboratory with Mini Project(18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof. Hemalatha K

Assistant Professor

Signature of the Guide

Prof. Vanitha G P

Assistant Professor

Signature wirly Date

Signature of the HOD Dr. Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

Name of the Examiners 1. Dr. Secontt.

2. Vanitha G.P

9. 19/2/2>

Principat Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore- 560 057

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Android Text Encryption Using Various Algorithm" carried out by VINDHYA G (ISG20CS111), SHILPA BIRADAR(ISG20CS097), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Mrs. Vanitha GP Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

es/4/2014

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Madhushace

Signature with Date

Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road

cangalore-560 057

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "BMI Calculator Application" carried out by Harshitha J (1SG20CS044), Hithaishi S (1SG20CS045), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof. Hemalatha K Assistant Professor

Signature of the Guide

Prof. Vanitha G P

Assistant Professor

Klus 15/03/24

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Auman

2 Vanitha G.P.

Signature?with Date

\$ 20/2/20

Principal Sapthagir! College of Engineering Chikkasandra, Hesaraghatta Road Bangalore- 560 057



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Department of Computer Science and Engineering

Accredited by NBA

Certificate

Certified that the Mini Project Work entitled "ANDROID UNIT CONVERTER" carried out by DEEPTHI S (ISG20CS028) & DEEPTHI S HEGDE (ISG20CS029), 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 2022-23. 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 MAD Laboratory with Mini Project (I8CSMP68) prescribed for the said Degree.

Signature of the Guide Prof. Hemalatha K Assistant Professor

Signature of the Guide Prof. Vanitha G P Assistant Professor

KUS1407203 Signature of the HOD

Signature of the HOD Dr.Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Junsah.V

2 Vonithay.P

Signature with Date

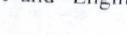
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Prizzpet Sapthagirt College of Engineering Chikkasandra, Hesaraghatta Road Sangalore- 560 057

APTHAGIRI COLLEGE OF ENGINEERING Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)





Certificate

This is to certify that the Mini Project Work entitled "SNAKE GAME" carried out by SANGEETHA J (1SG20CS093). SHILPA G P(1SG20CS098), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in ComputerScience and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Norit

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

W14/07/2013

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Madhushrue.

Signature with Date

ofEngineering Chikk aghatta Road Bangalore-560 057

apthagirl Colla

(Affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi.) ISO 9001-2015 & ISO14001-2015 Certified, Accredited by NAAC with,, A Grade 14/5, Chikkasandra, Hesarghatta Main Road

Bengaluru - 560057

Department of Computer Science and Engineering (Accredited by NBA)



Certificate

This is to certify that Certified that the Mini Project Work entitled "PIANO APP DEVELOPMENT" carried out by DYUTHI AI(1SG20CS035) & KRUHTI S(1SG20CS057), 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 2022-23. 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 MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof. Hemalatha K Assistant Professor

Norite.

Signature of the Guide Prof. Vanitha G P Assistant Professor EXTERNAL EXAMINATION

Signature of the HOD Dr.Kamalakshi Naganna Professor&Head

Name of the Examiner

Signature with date

1. Dr. Summatt. V 2. Vanitha 4.P

Sapthagir? College of Engineering Chikkasandra, Hesaraghatta Road Bangalore- 560 057

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE. New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Live TV Streaming Application" carried out by BADAL KUMAR (1SG20CS019), GAURAV SINGH (1SG20CS039) 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Ms. Hemalatha K Assistant Professor

Signature of the Guide Mrs. Vanitha G P Assistant Professor

es Hoston

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. Do. Semanth. V 2. Vanitho G.P

19/2/2)

Sapthagir! College of Engineering Chikkasandra, Hesaraghatta Road

Bangalore-560 057

SAPTHAGIRI COLLEGE OF ENGINEERING Affiliated to VTU. Belagavi, Approved by AICTE, NEW DELHI (Accredited by NAAC with 'A'Grade) (ISO 9001-2015 & ISO14001-2015 certified Institute) 14/5, Chikkasandra, Hesarghatta Main Road, Bengaluru - 560057

Department of Computer Science and Engineering

(Accredited by NBA)



CERTIFICATE

Certified that the Mini Project Work entitled "ONLINE FOOD ORDER APPLICATION" carried out by CHANDANA V(1SG20CS026) & DIVYA N(1SG20CS034), 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 2022-23. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The miniproject report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide

Prof. Vanitha G P Assistant Professor Signature of the Guide

Prof. Hemalatha K

Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sumalt V 2. Vanithe G.P

19/1/22

Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore-560 057

Prine

00 Signature of the HOD

Dr. Kamalakshi Naganna Professor & Head

9/2/9)

Signature with Date

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Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "PINBALL Game Application" carried out by PAVAN KUMAR P (1SG20CS072), VIPIN KS(1SG20CS112), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Norit

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

es 14/07/1013

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

Name of the Examiners

Signature with Date

1. Madhusherer 2. Dr. Semanth. V

frege of Engineering Chikkasandra, Hesaraghatta Road Bangalore- 560 057

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



This is to certify that the Mini Project Work entitled "Countdown Timer App" carried out by KARAN S NAIDU (ISG21CS407), K KIRAN KUMAR (ISG21CS405) 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

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Signature of the Guide Prof. Hemalatha K Assistant Professor

Signature of the Guide Prof.Vanitha G.P Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dx. Semonth. V 2 Madhushree

18/7/2>

Signature with Date

Signature of the HOD

Dr. Kamalakshi Naganna

Professor& Head

Chikkesendra, Hesaraghatta Road Bangalore- 560 057

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Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



CERTIFICATE

This is to certify that the Mini Project Work entitled "Android First Aid Application" carried out by PAVAN.R (1SG20CS073), S VINODKUMAR (1SG20CS089), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof. Vanitha G P Assistant Professor

35

Signature of the Guide Prof. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

les 14/07/2013

Signature of the HOD Dr. Kamalakshi Naganna Professor & Head

Name of the Examiners

1. Madhusheree 2. Kaufer . G

Signature with Date

Sapthagirl College of Chikkasandra, Hesaraghatta Road Bangalore-560 057

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Car Racing Game" carried out by NAVNEET NAMAN (ISG20CS065). N PANDURANGE GOWD (ISG20CS063), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (I8CSMP68) prescribed for the said Degree.

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sumantt. V

2 Vanitha G.P

& soples

Signature with Date

les 14

Signature of the HOD

Professor& Head

Dr. Kamalakshi Naganna

Principal Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore- 560 057

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "VIDEO EDITOR APP" carried out by NAGARAJU K (ISG20CS064), PRADEEPKUMAR S(ISG20CS077), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Norit

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

les14/07

Signature of the HC Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sumatt. V 2. Vanitha G.T

Signature with Date

g john

Sapthagir College di Engine Chikkasandra, Hesaraghatta Road Bangalore-560 057

Affiliated to VTU, Belagavi, Approved by AICTE, NEW DELHI (Accredited by NAAC with 'A'Grade) (ISO 9001-2015 & ISO14001-2015 certified Institute) 14/5, Chikkasandra, Hesarghatta Main Road, Bengaluru - 560057

Department of Computer Science and Engineering

(Accredited by NBA)



CERTIFICATE

Certified that the Mini Project Work entitled "WOMEN SAFETY APP" carried out by ANKUSH GOWDA R(1SG20CS009) & BHARATH GOWDA S(1SG20CS020), 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 2022-23. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The miniproject report has been approved as it satisfies the academic requirements in respect of MAD Eaboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof. Vanitha G P Assistant Professor

Signature of the Guide Prof. Hemalatha K

Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Do Junante. V 2. Nanitha G.P.

Signature with Date

Signature of the HOI

Dr. Kamalakshi Naganna

Professor & Head

Ta 723

Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Roado Bangalore-560.057

Affiliated to VTU, Belagavi, Approved by AICTE, NEW DELHI (ISO 9001-2015 & ISO14001-2015 certified Institute) 14/5, NAAC accredited with A Grade Chikkasandra, Hesarghana Main Road, Bengaluru - 560057

Department of Computer Science and Engineering



Certificate

Certified that the Mini Project Work entitled "ATTENDANCE MONITORING SYSTEM" carried out by DUSHYANTH G (1SG21CS402) & KAVIRAJ J (1SG20CS052), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of 0Visvesvaraya Technological University, Belagavi during the academic year 2022-23. 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 MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof. Vanitha G P Assistant Professor

Signature of the Guide Prof. Hemalatha K Assistant Professor

Signature of the HOD Dr. Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Junant.v 2. Madhushree

Signature with Date

18/2/25

Sapthagirl College of Engineering dra Hesaraohatta Road Bangalore-560 057

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Department of Computer Science and Engineering

(Accredited by NBA)



CERTIFICATE

This is to certify that the mini project work entitled "Ludo Game" carried out by Dhanush YT (1SG21CS401) and Jaswanth Aradhya S(1SG21CS404), 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 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The miniproject report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said degree.

Signature of the Guide Prof. Hemalatha K Assistant Professor

Signature of the Guide Prof. Vanitha G P Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sumate.V 2. Madhushree

Signature with Date

Signature of the HOD

Dr. Kamalakshi Naganna

Professor & Head

14/03/2013

Sapthagir! College of Engineering Curke of dra, Hesaraohatta Road

bangalore-560057

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "SIMPLE MATH QUIZ APPLICATION" carried out by DEVADUTTA B R (1SG20CS031), GANESH H P (1SG20CS037), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide

Mrs. Vanitha G P Assistant Professor

Signature of the Guide

Ms.Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sumantt. V 2. Vanitha G.P

20/2/23

Signature with Date

les

Signature of the HOD

Dr.Kamalakshi Naganna

Professor & Head

14/07/2013

9 2017/22

Sapthagirl College of Engineering Chikaasandra, Hesaraghatta Road Bangalore-560 057

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SAPTHAGIRI COLLEGE OF ENGINEERING Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Dethi) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road,

Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "BINARY TO DECIMAL CONVERTER" carried out by BITASKAR P (ISG20CS021), CHANDHI) T R (ISG20CS027), bonafide students of Sapthagin 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

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Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

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Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

Name of the Examiners

mt.V

2. Vanithe G.P.

Signature with Date

17/23

9 19/7/2

Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore-560 057

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Department of Computer Science and Engineering

(Accredited by NBA)



CERTIFICATE

Certified that the Mini Project Work entitled "EXPENSE TRACKER APPLICATION" carried out by PREETHAM S G (1SG20CS082) & SHRAVAN L (1SG20CS100), 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 2022-23. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The miniproject report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

North

Signature of the Guide

Prof.Vanitha G P Assistant Professor Signature of the Guide Prof. Hemalatha K

Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Madhushare 2. Caryfun G.

Principal Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road

KUN14/07/2012 Signature of the HOD

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

Signature with Date

17/7/03

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Department of Computer Science and Engineering



Certificate

This is to certify that the Mini Project Work entitled "Voice recorder and player Application" carriedout by DHANRAJ P(1SG20CS032),CHANDAN C S(1SG20CS024), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in ComputerScience and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Suralt.V 2. Vanithe G.P

Signature with Date

les

Signature of the HOD

Dr. Kamalakshi Naganna

Professor& Head

Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore- 560 057 A3

SAPTHAGIRI COLLEGE OF ENGINEERING

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Department of Computer Science and Engineering

(Accredited by NBA)



CERTIFICATE

Certified that the Mini Project Work entitled "AAHAR FOOD DONATION APP" carried out by SANTHOSH.D(1SG20CS094) & VIVAN KUSHAL HENEGER(1SG20CS114), 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 2022-23. 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 MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide

Prof Vanitha G P Assistant Professor

Signature of the Guide

Prof. Hemalatha K

Assistant Professor

EXTERNAL EXAMINATION

Bangalore- 560 057

Keles 14/07/2003 Signature of the HOD Dr Kamalakshi Naganna Professor & Head

Name of the Examiners Signature with Date 2 Madhushree Sapthagirl College of Engineering

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SAPTHAGIRI COLLEGE OF ENGINEERING Affiliated to VTU, Belagavi, Approved by AICTE, NEW DELHI (Accredited by NAAC with 'A'Grade) (ISO 9001-2015 & ISO]4001-2015 certified Institute) 14/5, Chikkasandra, Hesarghatta Main Road, Bengaluru - 560057

Department of Computer Science and Engineering

(Accredited by NBA)



CERTIFICATE

Certified that the Mini Project Work entitled "ANDROID HEALTHCARE APPLICATION" carried out by KUMAR SWAMY B U(1SG20CS058) & PRAMOD KUMAR S J(1SG20CS080), 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 2022-23. 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 MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof. Vanitha G P

Assistant Professor

Signature of the Guide Prof. Hemalatha K

Assistant Professor

lis 1407/200

Signature of the HOD Dr. Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Madhustere 2. Ranjan . G.

Signature with Date

A College of Engineering Chakkasendra. batestore-56005

SAPTHAGIRI COLLEGE OF ENGINEERING Affiliated to VTU, Belagavi, Approved by AICTE, NEW DELHI

(ISO 9001-2015 & ISO14001-2015 certified Institute) 14/5, NAAC accredited with A Grade, Chikkasandra, Hesarghatta Main Road, Bengaluru - 560057

Department of Computer Science and Engineering (Accredited by NBA)



CERTIFICATE

This is to certify that the mini project work entitled "Save The Bunny Game Application" carried out by Anstin George(1SG20CS010) and Akshay Kumar Joshi(1SG20CS008), 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 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said degree.

Signature of the Guide Prof. Hemalatha K Assistant Professor

Signature of the Guide Prof. Vanitha G P Assistant Professor

Signature of the HOD Dr. Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

Name of the Examiners

2. Vanilha G.P

Signature with Date

91223

e of Engineering Chikkasandra, Hasarag Bangalore-560 057

(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi)
1AO 9001 2015 & SO 14001 2015 Certified Institute
NAAC Accredited with "A" Grade
#14-5. Chikkasandra, Hesaraghutta Main Road. Bengaluru- 560 (157)

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

Certified that the Mini Project Work entitled "Tic Tac Toe Game Application" carried out by JAYANTH M (1SG20CS048) & K SARAVANAN (1SG20CS051), 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 2022-23. 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 Mobile Application Development Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof. Hemalatha K Assistant Professor

Non

Signature of the Guide Prof. Vanitha G P Assistant Professor

17/07/2013

Signature of the HOD Dr. Kamalakshi Naganna Pröfessor & Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Do. Summett.V

2. Vanitha G.P

Signature with date 8 2017/2

Principal Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore - 560 057

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Department of Computer Science and Engineering

(Accredited by NBA)



This is to certify that the Mini Project Work entitled "Morse Code Generation" carried out by PRAVEEN KUMAR N(15G20CS081), PUNITH S(15G20CS083), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Norig

Signature of the Guide

Mrs.Vanitha G P Assistant Professor

Signature of the Guide

Ms.Hemalatha K Assistant Professor

les 14/07/2013

Signature of the HOD Dr.Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

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Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "3D CANDY CRUSH GAME" carriedout by PRASHAR SURAJ (ISG20CS078), VIDISH GUPTA(ISG20CS110), bonafide students of Sapthagini 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 2021-2022. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Norit

Signature of the Guide Mrs. Vanitha GP Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

les 14/07/2020

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Madhushore 2. Raufan . G.

Signature with Date

Miz17/23

Sapthaniz College of Engineering Chikk and Cha, Hesaraghatta Road

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Date of Birth Calculator" carried out by SMEHAK AFREEN(1SG20CS088), SAKSHEE SINGH(1SG20CS079), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MADLaboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. Madhushree 2. Kanfour ()

Mig17/23

en14/07/2012

Signature of the HOD

Dr. Kamalakshi Naganna

Professor& Head

Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore- 560 057 SAPTHAGIRI COLLEGE OF ENGINEERING Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Dellii.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaharu-560057

Department of Computer Science and Engineering (Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Date of Birth Calculator" carried out by RITIK RAJ (18G20CS087). NISCHITIIA BG (18G21CS412), bonafide students of Sambagin 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements inrespect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Nori

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Jumak.v 2. Madhushere

Signature with Date

Signature of the HOD

Dr. Kamalakshi Naganna

Professor& Head

13/03/2022

Principal Sapthagirl College of Engineering Chikkastandra, Hesaraghatta Road Eangalore-560 057

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "CHATTING APP" carried out by SHIVUROOPESH M (15G20CS099). VISHWAS H R(1SG20CS113), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Vorit

Signature of the Guide

Mrs.Vanitha Assistant Professor tols

Signature of the Guide

Signature of the Oulde

Ms.Hemalatha K Assistant Professor

les14/07/2020

Signature of the HOD Dr.Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

Sapthegirl College of Erzgineering 18 Chikkasandra, Hesaraghatta Road

Name of the Examiners

Signature with Date

87123

Do-Sunantt. V Madhuskru

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Department of Computer Science and Engineering



Certificate

Certified that the Mini Project Work entitled "PACK YOUR BAG" carried out by SANDHYA M (1SG19CS407) & TEJASWINI M(1SG21CS415), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of 0Visvesvaraya Technological University.Belagavi during the academic year 2022-23. 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 MAD Laboratory with Mini Project (18CSMP68)prescribed for the said Degree.

Signature of the Guide Prof. Vanitha G P Assistant Professor

Signature of the Guide Prof. Hemalatha K Assistant Professor

ers 14/02/2013

Signature of the HOD Dr. Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sumante. V 2. Marthullace

Signature with Date

TE 12/2)

Principal Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore-560057

SAPTHAGIRI COLLEGE OF ENGINEERING Affiliated to VTU, Belagavi, Approved by AICTE, NEW DELHI (ISO 9001-2015 & ISO14001-2015 certified Institute) 14/5, NAAC accredited with A Grade, Chikkasandra, Hesarghatta Main Road, Bengaluru – 560057

Department of Computer Science and Engineering (Accredited by NBA)



CERTIFICATE

This is to certify that the mini project work entitled "Covid 19 Tracker Application" carried out by Deepti Kulkarni(1SG20CS030) and Jishnu Jayadevan(1SG20CS049), 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 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said degree.

Signature of the Guide Prof. Hemalatha K Assistant Professor

Signature of the Guide Prof. Vanitha G P Assistant Professor

QII

Signature of the HOD Dr. Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Junalt.V 2. V cnitte G.P

19/2/23 8 19/2/22

Signature with Date

rincipat Sapthagirt College of Engineering Chikkasandra, Hesaraghatta Roads Bangalore-560.057

SAPTHAGIRI COLLEGE OF ENGINEERING Affiliated to VTU, Belagavi, Approved by AICTE, NEW DELHI (ISO 9001-2015 & ISO14001-2015 certified Institute) 14/5, NAAC accredited with A Grade Chikkasandra, Hesarghatta Main Road, Bengaluru - 560057

Department of Computer Science and Engineering



Certificate

Certified that the Mini Project Work entitled "FILE APPLICATION " carried out by MANOJ S (1SG21CS410) & SAGAR T(1SG21CS414), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of OVisvesvaraya Technological University, Belagavi during the academic year 2022-23. 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 MAD Laboratory with Mini Project (18CSMP68) prescribed for the

Signature of the Guide Prof. Vanitha G P Assistant Professor

Signature of the Guide Prof. Hemalatha K Assistant Professor

2014/02/2012

Signature of the Dr. Kamalakshi Naganna Professor & Head

TERNAL EXAMINATION

Signature with Date

×18/7/23

of Engineering iraghatta Road 560 057

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Hengaluru-560057

Department of Computer Science and Engineering (Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Clipboard Application" carried out by AKASH PUJARI (18G20C8007), ADITYA SINGH(18G20C8004), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

56

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. finanth. V 2. Vonitha 4.P

Signature with Date

les 19/07/202

Signature of the HOD

Dr. Kamalakshi Naganna

Professor& Head

12/23

Histpal Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore-560 057

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering (Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled " Android Job Portal" carriedout by NAWEEE MANJOOR (15G20C5066), NISHANT P CHOUHAN (15G20C5069), 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 2021-2022. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Jonith

Signature of the Guide Mrs. Vanitha GP Assistant Professor

40

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Junsatt. V 2. Vanitha G.P

Signature with Date

les 15/0/101

Signature of the HOD

Dr. Kamalakshi Naganna

Professor& Head

20723 20/2/2)

Principal Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore- 560 057

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering

(Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "BASE-2 TO BASE-10 & BASE-16 CONVERTER" carried out by TSEWANG CHOSKIT(ISG20CS106). PANCHAL MONIKA(ISG20CS071), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof. Vanitha G P Assistant Professor

Signature of the Guide Prof. Hemalatha K Assistant Professor

les 14/07/20

Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Madhushace

Signature with Date

rincipal Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Bangalore-560 057

Affiliated to VTU, Belagavi, Approved by AICTE, NEW DELHI (ISO 9001-2015 & ISO14001-2015 certified Institute) 14/5, NAAC accredited with A Grade, Chikkasandra, Hesarghatta Main Road, Bengaluru - 560057

Department of Computer Science and Engineering

(Accredited by NBA)



CERTIFICATE

This is to certify that the mini project work entitled "Language Learning Application" carried out by Arya, Sinha (ISG20CS016) and Aveek Chakraborty (ISG20CS018), 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 2022-2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The mini-project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said degree.

Signature of the Guide Prof. Hemalatha K Assistant Professor

Signature of the Guide

Prof. Vanitha G P Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sunsett. V 2. Vanitha G.P

Signature with Date

9 19/2/2)

Signature of the HOD

Dr. Kamalakshi Naganna

Professor & Head

02

Sapthagirl College of Engineering Chikkasandra, Hesaraohatta Bangalore-560057

Affiliated to Viswerya Technological University, Belegavi and Approved by AICTE, New Delhi ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with A Grade #14/5 Chikkasandra, Heseraghatta, Main Road Bengaluru-560057

Department Of Computer Science Engineering (Accredited by NAAC)



Certificate

This is to certify that the Mini Project Work entitled "GPS Tracker" carriedout by FAHAD MOHAMMED (1SG20CS036). GAURAV YADAV (1SG20CS040), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in ComputerScience and Engineering of Visvesvaraya Technological University. Belagavi during the academic year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature Of the Guide Ms. Hemalatha K

Signature Of the Guide Mrs. Vanitha G P EXTERNAL EXAMINATION

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Signature Of the HOD Dr. Kamalakshi Naganna

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Signature with Date

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Name of the Examiners

1. Do. Sumoalt. V

2 Vanitha G.P

Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road Langalore- 560 057

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Department of Computer Science and Engineering



Certificate

Certified that the Mini Project Work entitled "TETRIS GAME" carried out by TRIVENI B G (1SG21CS416) & YASHASWINI P REDDY(1SG21CS417), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in Computer Science and Engineering of 0V isvesvaraya Technological University. Belagavi during the academic year 2022-23. 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 MAD Laboratory with Mini Project 118CSMP68 prescribed for the said Degree.

Nonib Signature of the Guide Prof. Vanitha G P Assistant Professor

Signature of the Guide Prof. Hemalatha K Assistant Professor

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Signature of the HOD Dr. Kamalakshi Naganna Professor & Head

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sunantt. V

M. 017/23

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Signature with Date

Principal Sapthagirl College of Engineering Chikkssandra, Hesaraghatta Road Eangalore- 560 057

SAPTHAGIRI COLLEGE OF ENGINEERING Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.) ISO 9001-2015 & 14001-2015 Certified, Accredited by NAAC with "A" Grade #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Department of Computer Science and Engineering (Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Portfolio and cv app" carriedout by Pushpender (15G20C5069), 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 2021-2022. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

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Signature of the Guide Mrs. Vanitha GP Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

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Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

Name of the Examiners

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Signature with Date

Instpat Sapthagirl College of Engineering Chikkasandra, Hesaraghatta Road La.galore- 560 057

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Certificate

This is to certify that the Mini Project Work entitled "Simple Alarm Clock Application" carriedout by ATUL ANAND(1SG20CS017), SREEKAR N(1SG20CS103), 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

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Signature of the Guide Mrs. Vanitha G.P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

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Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

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Department of Computer Science and Engineering

(Accredited by NBA)



CERTIFICATE

Certified that the Mini Project Work entitled "ASYNCHRONOUS TASK" carried out by LIKHITH B (1SG20CS060) & MARUTHI G (1SG21CS411), 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 2022-23. 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 MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Prof.Vanitha G P Assistant Professor

Signature of the Guide Prof. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

1. Dr. Sumantt. V Madhushree

Signature with Date 5832

Signature of the HOD

Professor & Head

Dr. Kamalakshi Naganna

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Department of Computer Science and Engineering



Certificate

This is to certify that the Mini Project Work entitled "BreakOut Ball Game Application" carriedout by HRIDAY THAPA (ISG20CS046), GANESHA S(ISG20CS038), bonafide students of Sapthagiri College of Engineering, in partial fulfillment for the award of Bachelor of Engineering degree in ComputerScience and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of MAD Laboratory with Mini Project (I8CSMP68) prescribed for the said Degree.

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Signature of the Guide Mrs. Vanitha G P Assistant Professor Signature of the Guide Ms. Hemalatha K Assistant Professor Signature of the HOD Dr. Kamalakshi Naganna Professor& Head

EXTERNAL EXAMINATION

Name of the Examiners

2. Vanitha 4.P

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Signature with Date

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Department of Computer Science and Engineering (Accredited by NBA)



Certificate

This is to certify that the Mini Project Work entitled "Memory Game Application" carried out by HARSH KUMAR (ISG20CS042), KISHAN KUMAR (ISG20CS056), bonafide students of Supthagiri 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 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report. The project report has been approved as it satisfies the academic requirements inrespect of MAD Laboratory with Mini Project (18CSMP68) prescribed for the said Degree.

Signature of the Guide Mrs. Vanitha G P Assistant Professor

Signature of the Guide Ms. Hemalatha K Assistant Professor

EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. Dr. Surantt. V 2. Vanitha G.P

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Signature of the HOD

Professor& Head

Dr. Kamalakshi Naganna

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