SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ISO 9001: 2015 & ISO 14001: 2015 CERTIFIED

AY:2020-21

MINI PROJECT BATCH LIST - 6 A & B SECTION - AY 2020-21(18ECMP68)

SI	L. FE	BAT	0.000	STUDENT NAME	MINI PROJECT TITLE	INTERNAL GUIDE
	1		1SG18EC0	01 Abhishek R	THE THE PART OF TH	GOIDE
	2			3 Akarsh B A	7	1
3	3			12 Ashwin k	7	And South State Co.
4	1	1		7 MEDA ABHIRAM S	A IR Home Automation	Dr. H C Sateesh
5	5			3 Nithin R S	IN Home Automation	Kumar
6	3	- 1	Calculation of Terrorian Con-	8 Ullas H P		
7				1 Vandana G	7	
8				7 Vinay H S	Car Parking S	Dr. Prakash
9				3 Deepa B 3	Car Parking System using Arduino	Jadhav
10	0			7 Harshitha V 2	1	
11	1			9 Lavanya N 1	1	
12	2 (3 /	1SG18EC05	8 Megha S		
13	3		ISG18EC06	2 Nikhil Umapati	Currency converter using PYTHON	Prof. Agalya S
14		1	SG18EC07	4 Prateek. J. H		
15	5 4			Tarun Kumar. G	VOICE CONTROLLED ROBOT USING	Prof. Ravishakara
16				Reshma S Hegde	ARDUINO UNO	MN
17		1	SG18EC11	Varia I		
18	-			Sakshi Pai		
19	-		SG18EC071		IOT Based Temparature control and	
20	-			POOJA G D	Monitoring System	Prof. Shobha S
21		4500	Property of the same of the sa	SHILPASHREE S R		
22		1	SG18EC009	SHILPASHREE S R		
23	6			SHRADDHA VARIJA		
24	1			RAKSHITH G S	BILLING SYSTEM USING PYTHON	Dr.Sudha M S
25		100	SG18EC009			
26	1	11	C10EC045	Khushi Singh		
7	7			Lavanya B	Fake news detection using Python	Prof. Suma V
8	-			Manasa Dev G J		Shetty
9	1	13	C4050044	Nagesh R Shanbha		
0	1	13	018EC041	Jayanath K Holalke		
1				Manoj Biradar	Face shape detection using python	
2	8	13	G18EC054	Akshay Kamath		Prof. Shobha S
3	1			Hamsitha B		
_			G18EC053		Wireless noticeboard using	
4	9		G18EC059		Discourse and the second second	Prof. Shilpa V
5				Preksha Prakash		
3	(4.40)		G18EC079			_
7	10		G18EC095		Currency converter using Python	Prof. Kavitha R J
3		18	G18EC061	Nikhil M Kumar	j . y on	.on Ravilla N J
)		15	G19EC414	Rakshith D		

	16	٦							
-1	40	11	1SG18	EC09	4 Shashank S		Weather Foresesti		
	41		1SG191	EC418	Yashwanth K	umai	Weather Forecasting using P	/thon	Prof. Prathibh
11	42		15G19E	EC404	Darshan Gow	do C			
	43		15G19E	C407	Doreswamy V	P			
-	44	12	13G19E	:C408	Harsha Vardh	ana I	K		
+	45		13G18E	C070	Praiwal J had	iger	Smart Irrigation System		Prof. Girish J F
	46		1SG18E	C073	Pramodh N	igei			
-	47		1SG18E	C076	Praveen N		1		
	48	13	1SG18E	C085	Saikrishna M		COLUD		
	49		1SG18E	C102	Sujan S		COVID 19 heat map using Pyth	on	Prof. Preethi T
	50	L	1SG18E(3118	Vinay n				
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	52	14	1SG18EC	116	/ikas B S		Real time Weather Application u	sina	
	03	1	ISG18EC	115	/idya K N	-	python		Prof. Madhu H N
5	54	1	SG18EC	103 5	Suma G				
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1 5	6	1	SG18EC	007 A	poorva Y J	nary	(Framework)	- 1	Prof. Vinay H C
5	7	1	SG18EC	002 4	Aishwarya kata				Ton. Villay H C
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61	1	15	G18FC0	20 0	nandana V	_	9	-	Prof. Varshini K
62	2	15	G18FCn	25 D	epika U.M			- 1	
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73	20	100	18EC050	Lav	anya R	F	Our I and Troff:		
74	20	100	18EC017	Bhu	mika S		our Lane Traffic Control System using Arduino		1
75	-	15G	18EC087	Sam	arth.K			Pro	f. Kavitha R J
76	+	15G	18EC078	Pren	nsagar.B.L				
	-	15G	18EC106	Thej	as.S	Hon	ne automoti		
78	21	ISG'	18EC100	Shre	yas.S	1	ne automation using Arduino Uno		
	1	SG1	8EC030	DUS	YANTH H Y		and Bluetooth	Prof	. Shobha H
79	17	SG1	8EC028	DIVA	KAR V				
80	1	SG1	8EC034	GIRE	ECHAIC		d N		
	22 1	SG1	8EC032	GANO	SADHAR GM	nan	d Number sign recognition using	Prof.	Suma V
82	1	3 G1	8ECQ13	ASHV	VINI R N		python	Shet	ty
83	13	SG1	BEC016	BHAF	RGAVITC				
	3 1	SG18	3EC019	CHAN	DANA C B	0-	-1 -1		
85	13	3G18	EC069 F	COO	THASB	QR	and barcode scanner /Reader	Prof.	Shilpa V
86	13	G18	EC099	SHRE	YAS				
87 2	4 15	G18	EC110 \	/AISH	INAVI P B	Con	version of Text to Speech and ppech to Text using python		
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88	3	1SG18EC	88 Samreen Kausar		
89		1SG18EC1	09 Ume E Safa		
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91	2			Ultrasonic Distance measurement using	
92			COLUMN COMPANY	Silmulation	Prof. Prathibha F
93					
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95	26	3 1sg18ec02		Real Time Chat Application	
96		1SG18EC1			Prof. Girish J R
97	27	1SG18EC1	01 Sourav Kumar S	THE OF LED TEST USING	
98		1SG18EC0	65 R Nitish	TTITION	Prof. Vinay H C
	-	1SG17EC1	17 Harsha R.L	1	
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				Detaction using Fython	Prof. Preethi T S
102	1	1SG18EC00	5 Anand.v		
103		1SG18EC04	7 Kumar.g	Home automation	
	29		77-7-	Bluetooth	D f 0
104		1SG19EC40	0 Amulya N D	Bidetootii	Prof. Suma C
105		1SG19EC40	6 Divya R	1	
106	i.	1SG18EC41	1 Meghana	Automotic	
107	30	1SG19EC41	7 Thanuja L		
108		1SG18EC02	4 Deepak K	and Nam Ochsol	Prof. Madhu H M
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12		1SG19EC41	Manu K M	Oystem	Prof. Varshini K
13		1SG19EC41:	Prathap B R		
_	32			Banking Application Using Java	Prof. Padmavathi
		1SG19EC40	Deepak N	5 - pproduction Coming Sava	
		1SG19EC409	Imdad hussain		
17		1SG19EC412	Naveen H R		
18	33			Virtual Assistant Using Python	Prof Book D .
19		1SG19EC403	Chaitanya DR	The state of the s	Prof. Rashmi B J
20					
21	34			Elevator with load limit detection	Prof Vince II C
22				- India mint detection	Prof.Vinay H C
23					
	35	1SG18EC120	Vishal N	Pathfinder using python	rof.Suma C
25		1SG18EC006	Ananya N Yadav	P P P	Tot.Suffia C
26					75-E
	36	1SG18EC033	Geetha N P	Arduino controlled DC motor driver	rof.Ravishankar M N
28				a a second control diver	IN IN
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CERTIFICATE

This is to certify that the Mini Project work entitled **IR Home Automation** is a bonafide work carried out by

Abhishek R 1SG18EC001

Akarsh B A 1SG18EC003

Ashwin K 1SG18EC012

Meda Abhiram Sai 1SG18EC057

in partial fulfillment for the award of degree of *Bachelor of Engineering in Electronics & Communication Engineering* of Visvesvaraya Technological University, Belagavi during the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of Mini Project work prescribed for the degree.

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CERTIFICATE

This is to certify that the mini project work entitled Car parking system using Arduino is a bonafide work carried out by

1SG18EC063

Illas HP 1SG18EC108

1SG18EC111 Vandana G

1SG18EC117 Vinay H S

in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics & Communication Engineering of Visvesvaraya Technological University, Belagavi during the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of mini

project work prescribed for the degree.

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Dr. H C Sateesh Kumar

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CERTIFICATE

This is to certify that the Mini Project work entitled **Currency Converter using Python** is a bonafide work carried out by

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Dechab	TOGTOECOZO

Harshitha V 1SG18EC037

Lavanya N 1SG18EC049

Megha S 1SG18EC058

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CERTIFICATE

This is to certify that the project work entitled Voice Controlled Robot using **Arduino** is a bona-fide work carried out by

Nikhil Umapati

1SG18EC062

Prateek J H

1SG18EC074

Tarun Kumar G

1SG18EC105

in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics & Communication Engineering of Visvesvaraya Technological University, Belagavi during the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of project work prescribed for the degree.

Ravi Shankara. M. N

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CERTIFICATE

This is to certify that the project work entitled **IOT Based Temperature Control** and Monitoring System is a bonafide work carried out by

Prajwal P	1SG18EC071
Reshma S Hegde	1SG18EC083
Sakshi Pai B	1SG18EC086
Varun L	1SG18EC113

in partial fulfilment for the award of degree of *Bachelor of Engineering in Electronics & Communication Engineering* of Visvesvaraya Technological University, Belagavi during the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of project work prescribed for the degree.

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CERTIFICATE

This is to certify that the project work entitled Billing System Using Python is a bona-fide work carried out by

> Shraddha varijaksha 1SG18EC098

> Shilpashree S R 1SG18EC096

> 1SG18EC068 Pooja G D

> 1SG18EC080 Rakshith G S

in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics & Communication Engineering of Visvesvaraya Technological University, Belagavi during the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of project

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CERTIFICATE

This is to certify that the Mini Project work entitled **Fake News Detection with Python and Machine Learning** is a bonafide work carried out by

Arathi M

1SG18EC009

Khushi Singh

1SG18EC045

Lavanya B

1SG18EC048

Manasa Dev G J

1SG18EC055

in partial fulfillment for the award of degree of *Bachelor of Engineering in Electronics & Communication Engineering* of Visvesvaraya Technological University, Belagavi during the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of Mini Project work prescribed for the degree.

Prof. Suma V Shetty

Guide

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Head of the Department

Dr. H Ramakrishna

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Department of Electronics & Communication Engineering



CERTIFICATE

This is to certify that the Mini Project work entitled Face Shape Detector using Python and CNN is a bonafide work carried out by

M Akshay Kamath	1SG18EC054
I'l Thisilay Italiacii	TOGICODI

in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics & Communication Engineering of Visvesvaraya Technological University, Belagavi during the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of Mini Project work prescribed for the degree.

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Associate Professor

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Nagesh R Shanbhag 1SG18EC060

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Department of Electronics & Communication Engineering



CERTIFICATE

This is to certify that the Mini Project work entitled "Wireless notice board using Bluetooth module" is a bonafide work carried out by

Hamsitha B

1SG18EC035

Likhitha G

1SG18EC053

Monisha R

1SG18EC059

in partial fulfillment for the award of degree of *Bachelor of Engineering in Electronics & Communication Engineering* of Visvesvaraya Technological University, Belagavi during the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of Mini Project work prescribed for the degree.

Prof. Shiba V.

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CERTIFICATE

This is to certify that the Mini Project work entitled Currency Convertor using Python is a bonafide work carried out by

Preksha Prakash

1SG18EC077

R Divya

1SG18EC079

Shilpa A

1SG18EC095

in partial fulfillment for the award of degree of *Bachelor of Engineering in Electronics* & *Communication Engineering* of Visvesvaraya Technological University, Belagavi during the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of Mini Project work prescribed for the sixth Semester.

Prof. Kavithá RJ

Dr. H C Sateesh Kumar

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Dr. H Kamakrishna

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CERTIFICATE

This is to certify that the project work entitled Weather Forecasting Using **Python** is a bonafide work carried out by

> Nikhil M Kumar 1SG18EC061 Shashank S 1SG18EC094 Rakshith D 1SG19EC414

in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics & Communication Engineering of Visvesvaraya Technological University, Belagavi during the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of project work phase 1 prescribed for the degree.

Prof.Prathibha P

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CERTIFICATE

This is to certify that the Mini Project work entitled SMART IRRIGATION SYSTEM is a bona fide work carried out by

DARSHAN GOWDA S	1SG19EC404
DORESWAMY VB	1SG19EC407
HARSHA VARDHANA KV	1SG19EC408
YASHWANTH KUMAR M	1SG19EC418

In partial fulfilment for the award of degree of *Bachelor of Engineering in Electronics & Communication Engineering* of Visvesvaraya Technological University, Belagavi during the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of Mini Project work prescribed for the degree.

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CERTIFICATE

This is to certify that the project work entitled COVID-19 WORLD HEAT MAP USING PYTHON is a bonafide work carried out by

ıdiger

1SG18EC070

Pramodh N

1SG18EC073

Praveen N

1SG18EC076

Sai Krishna M

1SG18EC085

in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics & Communication Engineering of Visvesvaraya Technological University, Belagavi during the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of project work phase 1 prescribed for the degree.

Prof. Preethi T S

Assistant Professor

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CERTIFICATE

This is to certify that the project work entitled REAL TIME WEATHER

APPLICATION USING PYTHON is a bonafide work carried out by

Vinay P

1SG18EC118

Vinay Prasad M

1SG18EC119

Sujan S

1SG18EC102

Vikas B S

1SG18EC116

in partial fulfillment for the award of degree of *Bachelor of Engineering in Electronics & Communication Engineering* of Visvesvaraya Technological University, Belagaviduring the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of project work phase 1 prescribed for the degree.

Modluttel

Prof. Madhu HM

Assistant Professor

Dr. H C Sateesh Kumar

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Dr. H Ramakrishna

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CERTIFICATE

This is to certify that the Mini project work entitled DJANGO E-COMMERCE WEBSITE(FRAMEWORK) is a bonafide work carried out by

> 1SG18EC082 Rakshitha S Acharya

> 1SG18EC103 Suma G

> 1SG18EC115 Vidya K N

in partial fulfilment for the award of degree of Bachelor of Engineering in Electronics & Communication Engineering of Visvesvaraya Technological University, Belagavi during the year 2020-21. It is certified that all the suggestions indicated during internal assessment have been incorporated in the report and this report satisfies the academic requirement in respect of mini project work prescribed for the degree.

Prof. Vinay H C Guide

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Dr. H C Sateesh Kumar Head of the Department Sapthagiri College of Engineering

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2020-2021

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CERTIFICATE

This is to certify that the project work entitled **Password Door Lock Using Arduino** is a bonafide work carried out by

Archana D

1SG18EC010

Aishwarya Katare

1SG18EC002

Apoorva Y J

1SG18EC007

in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics

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CERTIFICATE

This is to certify that the Mini Project work entitled Image Processing Using Open CV is a bonafide work carried out by

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Chandana V

1SG18EC020

Deepika U.M

1SG18EC025

G.Meghashree

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Prof. Suma C

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This is to certify that the project work entitled **Home Automation using Arduino Uno and Bluetooth Module** is a bona fide work carried out by

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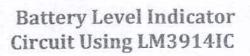
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A Mini Project report On





Submitted During V Semester

BACHELOR OF ENGINEERING

in

ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of

PROF. SHOBHA S

ASSISTANT PROFESSOR

Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
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This is to certify that the project work entitled **HOME AUTOMATION USING ARDUINO AND BLUETOOTH** is a bonafide work carried out by

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