

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

LIST OF BATCHES FOR MINI PROJECT -3A SECTION - 2020-21

BATCH NO	SL NO.	USN	STUDENT NAME	MINI PROJECT TITLE	Guide	MARKS
1 ✓	1	ISG19EC004	AKSHAY KUMAR H P	AUTOMATIC SWITCH OFF CIRCUIT FOR HOME APPLICATIONS	DR. SUDHA M S	25
	2	ISG19EC026	DHANUSH G M			
	3	ISG19EC034	HARISH GOWDA T R			
2	4	ISG19EC015	Bhoomika N	TOUCHLESS DOORBELL BASED ON IR SENSOR AND PHOTODIODE	DR. SUDHA M S	25
	5	ISG19EC041	Inchara V			
	6	ISG19EC046	Kokila Suresh P			
	7	ISG19EC049	Latha T S			
3	8	ISG19EC035	HARSHAN GOWDA K H	AUTOMATIC STREET LIGHT CONTROL USING LDR	Dr.H.C.SATEESH KUMAR	25
	9	ISG19EC039	HEMANTH KUMAR L			
	10	ISG19EC055	MOHAMMED MOULANA			
4	11	ISG19EC006	ANANYA P	WATER PUMP USING DC MOTOR	DR.H.C.SATEESH KUMAR	25
	12	ISG19EC040	HITAISHI S			
	13	ISG19EC052	MANOJ H			
5	14	ISG19EC024	DARSHAN PATEL	RAIN WATER ALARM USING IC 555 TIMER	DR.H.C.SATEESH KUMAR	25
	15	ISG19EC028	DINESH B			
	16	ISG19EC059	PK SHIRIRAM			
6	17	ISG19EC029	DIPTHI N	AUTO WATER DISPENSER	Prof. SHILPA V	25
	18	ISG19EC054	MOHAMEED MAAZ HAMEED			
	19	ISG19EC058	NITIKA KUMARI			
	20	ISG19EC060	Pavan K S	METAL DETECTOR CIRCUIT USING 555		
	21	ISG19EC051	Manjunatha M			

7	22	ISG19EC022	Chandrashekar Y M	METAL DETECTOR CIRCUIT USING 555 TIMER	Prof. PEETHI T S	25
	23	ISG19EC012	BHARGAV A			
	24	ISG19EC042	JEEVAN T V			
8✓	25	ISG19EC047	KOUSHIK V	ULTRASONIC OBSTACLE DETECTOR	Prof. PEETHI T S	25
9	26	ISG19EC032	GIRISH REDDY S	AUTOMATIC STREET LIGHT CONTROL USING LDR	Prof.SUMA V SHETTY	25
	27	ISG19EC003	ADARSH GOWDA K R			
	28	ISG19EC020	CHANDAN D			
10	29	ISG19EC045	Kokila A S	LIGHT FIDELITY	Prof.SUMA V SHETTY	25
	30	ISG19EC013	Bhavana N			
	31	ISG19EC014	Bhavana P S			
	32	ISG19EC017	Bindhu H C			
11	33	ISG19EC010	APURVA	LIGHT SENSOR	Prof.SUMA V SHETTY	25
	34	ISG19EC057	NIRUPAMA G			
	35	ISG19EC016	BHUVANA K S			
12	36	ISG19EC023	chandrika d	TOUCH SENSOR DOOR BELL	Prof.SUMA V SHETTY	25
	37	ISG19EC033	gowri priya			
	38	ISG19EC019	brunda p			
13	39	ISG19EC037	harshitha H G	TOUCH SENSOR DOOR BELL	Prof. SHILPA V	25
	40	ISG19EC030	divyashree G K			
14	41	ISG19EC008	Anusha C	TOUCH SWITCH USING TRANSISTOR	Prof. SHILPA V	25
	42	ISG19EC018	Brunda GP			
	43	ISG19EC056	Monica valentina M			
15	44	ISG19EC027	DHANUSH V	AUTOMATIC STREET LIGHT SENSOR USING ARDUINO AND LDR SENSOR	DR. SUDHA M S	25
	45	ISG19EC044	KISHAN C S			
	46	ISG19EC048	KUSHAL BHARADWAJ B A			
16	48	ISG19EC025	DEEPIKA P	WATER LEVEL INDICATING ALARAM	Prof. SHILPA V	25
	49	ISG19EC043	KAVANA T R			
	50	ISG19EC038	HARSHITHA N			
	51	ISG19EC009	ANUSHKA S			
	52	ISG19EC031	GAGANAKUMARI			

17	53	ISG19EC050	MANISH SHAH	PLANT TOUCH DETECTOR	Prof. PEETHI T S	25
	54	ISG19EC053	MANYA UPADHYAYA			
	55	ISG19EC002	ABHISHEK VIDHYADAR SH	MEASURING CO2 CONCENTRATION IN AIR	Prof. PEETHI T S	25
18	56	ISG19EC005	AMITOJE SINGH			



HOD,ECE

Head of the Department
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LIST OF BATCHES FOR MINI PROJECT -3B SECTION - 2020-21

SL. NO	BATCH NO	USN	STUDENT NAME	MINI PROJECT TITLE	INTERNAL GUIDE
1	1	1SG19EC112	VARSHA M	AUTOMATIC RAIN SENSING WIPER USING AURDINO	Prof. PREETHI T S
2		1SG19EC115	VINUTHA H V		
3		1SG19EC116	VINUTHA M J		
4	2	1SG19EC089	SHIVAM KUMAR O	AUTOMATIC STREET LIGHT CONTROL USING LDR	Prof.SUMA V SHETTY
5		1SG19EC094	SHUBHAM PATHAK		
6	3✓	1SG19EC072	RAHUL N	ARDUINO BASED OBSTACLE AVOIDANCE + VOICE CONTROLLED ROBOT	Prof.SHILPA V
7		1SG19EC086	SANJAY K		
8		1SG19EC102	SUMANTH C GOWDA		
9	4	1SG19EC061	POORNIMA RAO	SMARTPHONE CONTROLLED RC CAR USING ARDUINO	Prof.SUMA V SHETTY
10		1SG19EC095	SINDHU S		
11	5	1SG19EC062	PRASHANTH K B	HOME AUTOMATION USING VOICE COMMAND	Dr.SUDHA M S
12		1SG19EC081	RUTHVIK H		
13		1SG19EC086	SANKEERTH M		
14	6	1SG19EC066	PREETAM HEGDE	ULTRASONIC RADAR USING ARDUINO	Dr. SUDHA M S
15		1SG19EC064	PRAVEEN A		
16	7	1SG19EC106	TAPAN	MISSING PULSE DETECTOR USING 555 TIMER	Dr. H.C. SATEESH KUMAR
17		1SG19EC090	SHIVAM KUMAR SHARMA		
18		1SG19EC098	SRINIVAS N KAUSHIK		
19		1SG19EC096	S M FARAZ HUSSAIN		
20		1SG19EC091	SHIVAM SHIVA		
21		1SG19EC075	RAJAPU RISHIKESH		

22	8	1SG19EC074	RAHUL KUMAR YADAV	TOUCH SENSORS USING 555 TIMER	Prof. PREETHI T S
23	9	1SG19EC100	SUCHARITHA M.G.	AUTOMATIC IRRIGATION SYSTEM USING ARDUINO	Prof. PREETHI T S
24		1SG19EC104	SUSHMA M.M.		
25		1SG19EC110	VAISHNAVI U.S.		
26	10	1SG19EC101	SUMANA . M	LASER SECURITY SYSYTEM USING ARDUINO	Prof. PREETHI T S
27		1SG19EC109	V . VARSHINI		
28		1SG19EC111	VANDHANA . S		
29	11	1SG19EC118	YAMUNA A C	UNBIASED ELECTRONIC DICE WITH LEDs	Prof.SUMA V SHETTY
30		1SG19EC103	SUSHMA B O		
31	12	1SG19EC076	RAKESH L	SMOKE DETECTOR ALARM	Prof.SHILPA V
32		1SG19EC077	RANJITH S G		
33		1SG19EC085	SANGEETH M		
34	13	1SG19EC078	RAVIKIRAN G MAILAR	RADAR USING ARDUINO	Dr.H.C.SATEESH KUMAR
35		1SG19EC079	REVAYYA KABBURMATH		
36	14	1SG19EC069	PURUSHOTTAM A	INFINITY MIRROR USING ARDUINO	Prof.SUMA V SHETTY
37		1SG19EC080	ROHIT D G		
38		1SG19EC114	VIKRAM PARASANAGAUDRA		
39	15	1SG19EC065	PRAVEEN B R	INTURDER ALARM	Prof.SHILPA V
40		1SG19EC105	SWAROOP S		
41		1SG19EC113	VIJAYAKUMAR S N		
42	16	1SG19EC082	S RAVEESH KOTI	GAS LEAKAGE DETECTOR USING MQ-6 SENSOR	Dr. SUDHA MS
43		1SG19EC093	SHREYAS G RAJ		
44		1SG19EC099	SUBHASH BS		
45	17	1SG19EC120	YASHASWINI S	ELECTRONIC PIANO USING 555 TIMER	Prof. PREETHI T S
46		1SG19EC117	VISMAYA B V		
47	18	1SG19EC084	SAI GANESH CS	PERSISTENCE OF VISION DISPLAY	Dr.H.C.SATEESH KUMAR
48		1SG19EC083	SAGAR A		
49		1SG19EC088	SHASHANK R		
50	19 ✓	1SG19EC063	PRATHIK R GOWDA	HEART RATE SENSOR USING ARDUINO	Dr.H.C.SATEESH KUMAR
51		1SG19EC070	R KISHORE		
52		1SG19EC073	RAHUL N		

53	20	1SG19EC097	SNEHARANI U	WIRELESS SWITCH CIRCUIT USING CD4027	Prof.SUMA V SHETTY
54		1SG19EC108	THANUSHREE G		
55	21	1SG19EC092	SHIVANI V	TOUCH SENSORS USING 555 TIMER	Prof.SUMA V SHETTY
56		1SG19EC067	PREETHI KULKARNI		
57		1SG19EC107	TARANUM BANU		



CLASS TEACHER



HOD,ECE

Head of the Department
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111 Sem

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI - 590 018



A Mini Project report
On

**AUTOMATIC SWITCH OFF
CIRCUIT FOR HOME
APPLICATIONS**



Submitted During III Semester

BACHELOR OF ENGINEERING
in
ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of

Dr. SUDHA M S
Assistant Professor

Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
Akshay Kumar H P	1SG19EC004	10	10	5	25
Dhanush G M	1SG19EC026	10	10	5	25
Harish Gowda T R	1SG19EC034	10	10	5	25

Signature of the Guide
Dr. Sudha M.S

Signature of the HOD
Dr. H.C. Sateesh Kumar

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2020-2021

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BELAGAVI - 590 018



A Mini Project report
On

TOUCHLESS DOORBELL BASED ON IR SENSOR AND PHOTODIODE



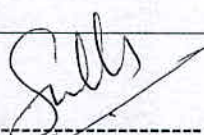
Submitted During III Semester

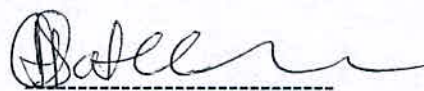
BACHELOR OF ENGINEERING in ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of

DR.SUDHA.M.S
PROFESSOR

Student Name	USN	Creativity (10)	Implementa tion (10)	Report (05)	Total (25)
BHOOMIKA.N	1SG19EC015	10	10	5	25
INCHARA.V	1SG19EC041	10	10	5	25
KOKILA SURESH.P	1SG19EC046	10	10	5	25
LATHA.T.S	1SG19EC049	10	10	5	25


Signature of the Guide
Dr.Sudha.M.S


Signature of the HOD
Dr. H.C. Sateesh Kumar

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI – 590 018



A Mini Project report
On

**AUTOMATIC STREET LIGHT
CONTROL USING LDR**




Submitted During III Semester

BACHELOR OF ENGINEERING
in
ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of

HOD.Department of ECE

Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
Harshan Gowda KH	1SG19EC035	10	10	05	25
Hemanth Kumar L	1SG19EC039	10	10	05	25
Mohammed Moulana	1SG19EC055	10	10	05	25


Signature of the Guide and HOD
Dr. H C Sateesh Kumar


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A Mini Project report
On

WATER PUMP USING DC MOTOR

Submitted During III Semester



BACHELOR OF ENGINEERING in ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of

GUIDE NAME:
Dr. H.C. Sateesh Kumar

Designation:

Student Name	USN	Creativity (10)	Implementation (10)	Report (05)	Total (25)
ANANYA.P	1SG19EC006	10	10	5	25
HITAISHI.S	1SG19EC040	10	10	5	25
MANOJ.H	1SG19EC052	10	10	5	25

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Guide Name

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Dr. H.C. Sateesh Kumar

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A Mini Project report
On

Rain water alarm using IC555 Timer

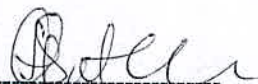


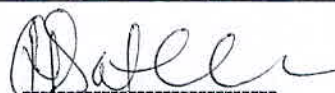
Submitted During III Semester

BACHELOR OF ENGINEERING in ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of
Dr. H C Sateesh Kumar
HOD, Department of ECE.

Student Name	USN	Creativity (10)	Implementation (10)	Report (05)	Total (25)
Darshan Patel	1SG19EC024	10	10	05	25
Dinesh B	1SG19EC028	10	10	05	25
P K Shriram	1SG19EC059	10	10	05	25


Signature of the Guide
Dr. H. C. Sateesh Kumar


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Dr. H.C. Sateesh Kumar

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A Mini Project report
On

AUTO WATER DISPENSER

Submitted During III Semester



BACHELOR OF ENGINEERING

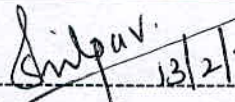
in


ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of

Prof. Shilpa V
(Assistant Professor)

Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
Dipthi N	1SG19EC029	10	10	05	25
Nitika Kumari	1SG19EC058	10	10	05	25
Mohammed Maaz Hameed	1SG19EC054	10	10	05	25


Signature of the Guide
Prof. Shilpa V


Signature of the HOD
Dr. H.C. Sateesh Kumar

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2020-2021


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BELAGAVI - 590 018



A Mini Project report
On

Metal Detector using IC555 Timer

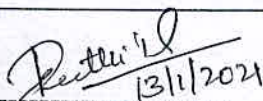



Submitted During III Semester

BACHELOR OF ENGINEERING in ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of
Prof. Preethi T S
Assistant Professor

Student Name	USN	Creativity (10)	Implementation (10)	Report (05)	Total (25)
Pavan K S	1SG19EC060	10	10	5	25
Manjunatha M	1SG19EC051	10	10	5	25
Chandrashekar Y M	1SG19EC022	10	10	5	25


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Prof. Preethi T S


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A Mini Project report
On

Ultrasonic Obstacle Detector

Submitted During III Semester



BACHELOR OF ENGINEERING in ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of

Prof. Preethi T S

Assistant Professor

Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
Jeevan T V	1SG19EC042	10	10	5	25
Bhargav A	1SG19EC012	10	10	5	25
Koushik V	1SG19EC047	10	10	5	25

Preethi T S
13/11/2021

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Prof. Preethi TS

H.C. Sateesh Kumar

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Dr. H.C. Sateesh Kumar

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A Mini Project report
On

AUTOMATIC STREET LIGHT CONTROL USING LDR



Submitted During III Semester

BACHELOR OF ENGINEERING

in

ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of
Prof. SUMA V SHETTY

Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
Girish Reddy S	1SG19EC032	10	10	5	25
Adharsh Gowda KR	1SG19EC003	10	10	5	25
Chandan D	1SG19EC020	10	10	5	25

Suma V Shetty

Signature of guide
Prof. Suma V Shetty

Dr. H C Sateesh Kumar

Signature of HOD
Dr. H C Sateesh Kumar

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI - 590 018



A Mini Project Report On

LIGHT-FEDILITY

Submitted During III Semester
for the academic year
2020-21

Under the guidance of
Suma V Shetty
Assistant Professor
Submitted by



Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
BHAVANA.N	1SG19EC013	10	10	5	25
BHAVANA.P.S	1SG19EC014	10	10	5	25
BINDHU.H.C	1SG19EC017	10	10	5	25
KOKILA. A.S	1SG19EC045	10	10	5	25

Suma V Shetty

Signature of the Guide
Suma V Shetty

Dr. H.C. Sateesh Kumar

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Dr. H.C. Sateesh Kumar

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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2020-2021

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SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University and Approved by All India Council for
Technical Education)
Bengaluru- 560057

A Project report

On

LIGHT SENSOR

Submitted

During III Semester of

Electronics and Communication Engineering

For the academic year

2020-21

Under the guidance of

Prof. SUMA V SHETTY

Assistant Professor

Submitted by

Name	USN	Creativity(10)	Implementation(10)	Report(05)	Total (25)
APURVA .A	1SG17EC010	10	10	5	25
BHUVANA.K.S	1SG17EC016	10	10	5	25
NIRUPAMA .G	1SG17EC057	10	10	5	25

Suma v Shetty

Signature of the Guide
Prof. SUMA V SHETTY

Dr. H.C. Sateesh Kumar

Dr. H.C. Sateesh Kumar

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Dr. H.C. Sateesh Kumar

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI-590 018



A Mini Project report

On

TOUCH SENSOR DOOR BELL

Submitted During III Semester

BACHELOR OF ENGINEERING

In

ELECTRONICS & COMMUNICATION ENGINEERING

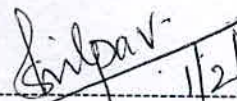
Under the guidance of

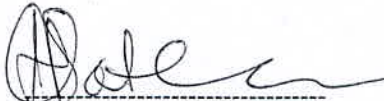
PROF.SHILPA.V

Assistant Professor



Student Name	USN	Creativity (10)	Implementation (10)	Report (05)	Total (25)
DIVYASHREE G K	1SG19EC03 0	10	10	05	25
HARSHITHA H G	1SG19EC03 7	10	10	05	25


Signature of the Guide
PROF.SHILPA.V


Signature of the HOD
Dr.H.C.SATEESH KUMAR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING


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A Mini Project report
On

Touch switch using transistor

Submitted During III Semester

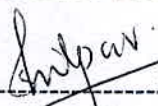


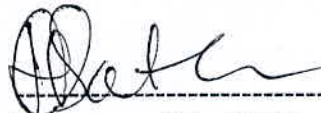
BACHELOR OF ENGINEERING in **ELECTRONICS & COMMUNICATION ENGINEERING**

under the guidance of

Prof. SHILPA V
Assistant Professor

Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
Anush C	1SG19EC008	10	10	4	24
Brunda GP	1SG19EC018	10	10	4	24
Monica Valentina M	1SG19EC056	10	10	4	24


Signature of the Guide
Mrs. Shilpa V.


Signature of the HOD
Dr. H.C. Sateesh Kumar

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A Mini Project report
On

**AUTOMATIC STREET LIGHT USING
LDR SENSOR AND ARDUINO**

Submitted During III Semester

BACHELOR OF ENGINEERING
in
ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of

Dr Sudha M S
Assistant Professor

Student Name	USN	Creativity (10)	Implemen tation (10)	Report (05)	Total (25)
Dhanush V	1SG19EC027	10	10	5	25
Kishan C S	1SG19EC044	10	10	5	25
Kushal Bharadwaj BA	1SG19EC048	10	10	5	25

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Dr SUDHA M S

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Dr. H.C. Sateesh Kumar

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A Mini Project report
On

WATER LEVEL INDICATING ALARM TRANSISTOR



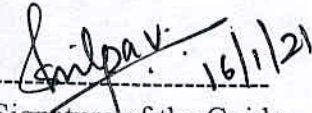
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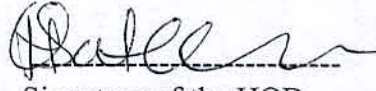
BACHELOR OF ENGINEERING in ELECTRONICS & COMMUNICATION ENGINEERING For the academic year 2020-2021

under the guidance of
SHILPA V
Assistant Professor

SUBMITTED BY

Student Name	USN	Creativity (10)	Implemen tation (10)	Report (05)	Total (25)
DEEPIKA P	1SG19EC025	10	10	05	25
HARSHITHA N	1SG19EC038	10	10	05	25
KAVANA T R	1SG19EC043	10	10	05	25


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Shilpa V


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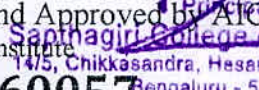
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A Mini Project report
On

PLANT TOUCH DETECTOR



Submitted During III Semester


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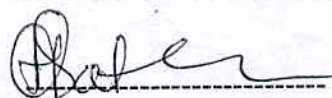
under the guidance of

Prof. Preethi T S

Assistant Professor

Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
ANUSHKA S	1SG19EC009	10	10	5	25
GAGANA KUMARI N	1SG19EC031	10	10	5	25
MANISH SHAH .R	1SG19EC050	10	10	5	25


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A Mini Project report
On

MEASURING CO₂ CONCENTRATION IN AIR



Submitted During III Semester

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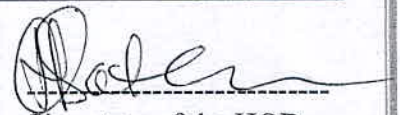
under the guidance of

Prof. Preethi T S
Assistant Professor

Student Name	USN	Creativity (10)	Implement ation (10)	Report (10)	Total (30)
Abhishek Vidyadhar shet	1SG19EC002	10	10	05	25
Amitoje Singh	1SG19EC005	10	10	05	25
Manya Upadhyay	1SG19EC053	10	10	05	25


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A Mini Project report
On

Music Rhythm led light circuit

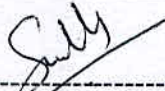
Submitted During III Semester


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in
ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of

Dr Sudha M S
Assistant Professor

Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
Avinash HM	1SG19EC011	10	10	5	25
Anil Kumar Yadav P	1SG19EC007	10	10	5	25


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A Project report

On

AUTOMATIC RAIN SENSING WIPER USING ARDUINO

Submitted

during *III Semester of*

Electronics and Communication Engineering

for the academic year

2020-21

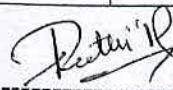
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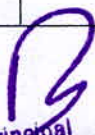
Assistant Professor

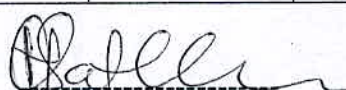
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Name	USN	Creativity (10)	Implementation (10)	Report (05)	Total (25)
Varsha M	1SG19EC112	10	10	5	25
Vinutha H V	1SG19EC115	10	10	5	25
Vinutha M J	1SG19EC116	10	10	5	25


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A Mini Project report
On

AUTOMATIC STREET LIGHT CONTROL USING LDR



Submitted During III Semester

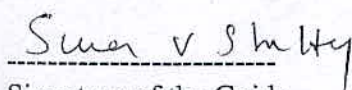
BACHELOR OF ENGINEERING in ELECTRONICS & COMMUNICATION ENGINEERING


under the guidance of

Suma V Shetty

Asst. Professor

Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
SHIVAM KUMAR O	1SG19EC089	10	10	5	25
SHUBHAM PATHAK	1SG19EC094	10	10	5	25


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Suma V Shetty


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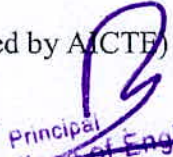
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A Project report

On

ARDUINO BASED OBSTACLE AVOIDANCE + VOICE CONTROLLED ROBOT

Submitted

during III Semester of

Electronics and Communication Engineering

for the academic year

2020-21

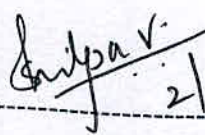
Under the guidance of

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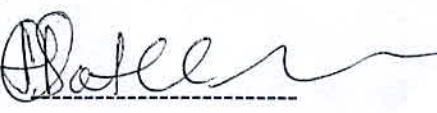
Assistant Professor

Submitted by

Name	USN	Creativity(10)	Implementation(10)	Report(05)	Total (25)
Sumanth C Gowda	1SG19EC102	10	10	05	25
Sanjay K	1SG19EC086	10	10	05	25
Rahul N	1SG19EC072	10	10	05	25


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A Project report

SMARTPHONE CONTROLLED RC CAR USING ARDUINO

Submitted by

Purging 111

Semester of

Electronics and Communication Engineering

for the academic year

2020-21

Under the guidance of

Prof. SUMA V SHETTY

Assistant Professor

Submitted by

NAME	USN	Creativity (10)	Implementation (10)	Report (5)	Total(25)
Sindhu S	1SG19EC095	10	10	5	25
Poornima S	1SG19EC061	10	10	5	25

Suma v Shetty

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PROF. SUMA V SHETTY

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H C Sateesh Kumar

SIGNATURE OF HOD

DR. H C SATEESH KUMAR

Head of the Department
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A Mini Project report
On

HOME AUTOMATION USING VOICE COMMAND



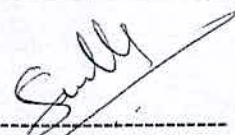
Submitted During III Semester


BACHELOR OF ENGINEERING in ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of

Dr. SUDHA M S

Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
SANKEERTH M	1SG19EC087	10	10	5	25
PRASHANTH K B	1SG19EC062	10	10	5	25
RUTHVIK GOWDA H	1SG19EC081	10	10	5	25


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Dr. Sudha MS


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Dr. H.C. Sateesh Kumar

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A Mini Project report
On

ULTRASONIC RADAR USING ARDUINO



Submitted During III Semester

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under the guidance of

Dr. Sudha M S
Assistant Professor

Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
Preetam Hegde	1SG19EC066	10	10	5	25
Tapan	1SG19EC106	10	10	5	25
Praveen A	1SG19EC064	10	10	5	24

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A Mini Project report

On

TOUCH SENSORS USING 555 TIMER

Submitted

During III Semester of

Electronics and Communication Engineering

for the academic year

2020-21

Under the guidance of

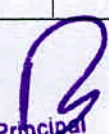
Prof. T.S PREETHI


Assistant Professor

Submitted by

Name	USN	Creativity(10)	Implementation	Report(05)	Total (25)
Shivam Shiva	1SG19EC091	10	10	5	25
Rajapu Rishikesh	1SG19EC075	10	10	5	25
Rahul Kumar Yadav	1SG19EC074	10	10	5	25
		10			


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A Project report

On

AUTOMATIC IRRIGATION SYSTEM USING ARDUINO

Submitted

during III Semester of

Electronics and Communication Engineering

for the academic year

2020-21

Under the guidance of

Prof. Preethi T. S

Assistant Professor

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Name	USN	Creativity (10)	Implementation (10)	Report(05)	Total(25)
SUCHARITHA M G	1SG19EC100	10	10	5	25
SUSHMA M M	1SG19EC104	10	10	5	25
VAISHNAVI U S	1SG19EC110	10	10	5	25

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A Project report

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LASER SECURITY SYSTEM USING ARDUINO

Submitted

During III Semester of

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for the academic year

2020-21


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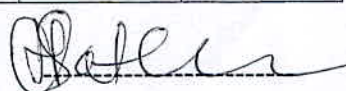
Prof. PREETHI T.S

Assistant Professor

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Name	USN	Creativity(10)	Implementation(10)	Report(05)	Total (25)
Sumana M	1SG19EC101	10	10	5	25
V Varshini	1SG19EC109	10	10	5	25
Vandhana S	1SG19EC111	10	10	5	25


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A Project Report

On

UNBIASED ELECTRONIC DICE USING LED'S

Submitted

during ||| semester of

Electronics and Communication Engineering

For the academic year

2020-21

Under the guidance of

Prof. Suma V Shetty

Assistant Professor

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Name	USN	Creativity (10)	Implementation (10)	Report (05)	Total (25)
Sushma B o	1SG19EC103	10	10	5	25
Yamuna A c	1SG19EC118	10	10	5	25

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Prof. Suma V Shetty

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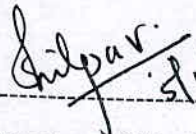
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A Project report
On
SMOKE DETECTOR ALARM
Submitted
during III Semester of
Electronics and Communication Engineering
for the academic year
2020-21

Under the guidance of
Prof.Shilpa V
Assistant Professor
Submitted by

Name	USN	Creativity(10)	Implementation(10)	Report(05)	Total (25)
Rakesh L	1SG19EC076	10	10	05	25
Ranjith S G	1SG19EC077	10	10	05	25
Sangeeth M	1SG19EC085	10	10	05	25


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A Mini Project report on



RADAR USING ARDUINO

Submitted During III Semester

BACHELOR OF ENGINEERING
in
ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of

Dr. H.C. Sateesh Kumar

Professor

Student Name	USN	Creativity (10)	Implementation (10)	Report (05)	Total (25)
Ravikiran G M	1SG19EC078	10	10	05	25
Revayya kabburmath	1SG19EC079	10	10	10	28

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A Mini Project report of
INFINITY MIRROR USING ARDUINO

Submitted During III Semester

BACHELOR OF ENGINEERING
in
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under the guidance of

Prof. Suma. V. Shetty

Professor

Student Name	USN	Creativity (10)	Implement ation (10)	Report (05)	Total (25)
Purushotham	1SG19EC064	10	10	5	25
Rohith D.G	1SG19EC080	10	10	5	25
Vikram P	1SG19EC114	10	10	5	25

Suma V Shetty

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Prof. Suma. V. Shetty

[Signature]

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Bengaluru, Karnataka 560057

2020-2021

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University and Approved by All India Council for Technical Education)
Bengaluru- 560057

A Project report
On
INTRUDER ALARAM

Submitted
during III Semester of
Electronics and Communication Engineering
for the academic year
2020-21

Under the guidance of

Prof.Shilpa V

Assistant Professor

Submitted by

Name	USN	Creativity (10)	Implementation (10)	Report (05)	Total (25)
Praveen B R	1SG19EC065	10	10	05	25
Swaroop S	1SG19EC105	10	10	05	25
VijayaKumar S N	1SG19EC113	10	10	05	25

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Dr. H.C. Sateesh Kumar

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI - 590 018



A Mini Project report
On

Gas leakage detector using
MQ-6 sensor



Submitted During III Semester

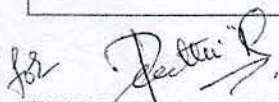
BACHELOR OF ENGINEERING
In
ELECTRONICS & COMMUNICATION ENGINEERING

Under the guidance of

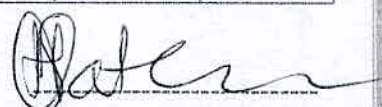
Dr.Sudha.M.S

Assistant Professor

Student Name	USN	Creativity (10)	Implemen tation (10)	Report (05)	Total (25)
S.RAVEESH KOTI	1SG19EC082				
SHREYAS G RAJ	1SG19EC093				
SUBHASH.B.S	1SG19EC099				



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Dr.Sudha.M.S



Signature of the HOD
Dr. H.C. Sateesh Kumar

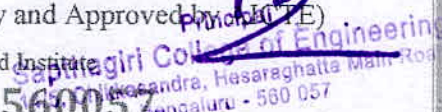
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2020-2021



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Bengaluru- 560057

A Mini Project report

On

ELECTRONIC PIANO USING IC 555 TIMER

Submitted

During III Semester of

Electronics and Communication Engineering

for the academic year

2020-21

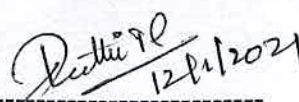
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Prof. PREETHI T S


Assistant Professor

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NAME	USN	CREATIVITY(10)	IMPLEMENTATION(10)	REPORT(5)	TOTAL(25)
VISMAYA B V	1SG19EC117	10	10	5	25
YASHASWINI S	1SG19EC120	10	10	5	25


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A Project report

On

PERSISTENCE OF VISION DISPLAY

Submitted

during III Semester of

Electronics and Communication Engineering

for the academic year

2020-21

Under the guidance of


Dr.H.C.Sateesh Kumar

HOD

Submitted by

Name	USN	Creativity(10)	Implementation(10)	Report(05)	Total (25)
Sai Ganesh CS	1SG19EC084	10	10	05	25
Sagar A	1SG19EC083	10	10	05	25
Shashank R	1SG19EC088	10	10	05	25


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**VISVESVARAYA TECHNOLOGICAL
UNIVERSITY**
BELAGAVI - 590 018



A Mini Project report
On
**HEART RATE SENSOR USING
ARDUINO**

Submitted During III Semester

BACHELOR OF ENGINEERING
in
ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of
Dr. H C SATEESH KUMAR
HOD, ELECTRONICS AND COMMUNICATION

Student Name	USN	Creativity (10)	Implemen tation (10)	Report (05)	Total (25)
PRATHIK R GOWDA	1SG19EC063	10	10	05	25
R KISHORE	1SG19EC070	10	10	05	25
RAHUL N	1SG19EC073	10	10	05	25

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Signature of the HOD
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2020-2021

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2020-2021



A Mini Project report
On

Wireless Switch Circuit using CD4027

Submitted During III Semester

BACHELOR OF ENGINEERING

in

ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of

PROF. SUMA V SHETTY

Student Name	USN	Creativity (10)	Implementation (10)	Report (05)	Total (25)
SNEHARANI.U	1SG19EC097	10	10	5	25
THANUSHREE.G	1SG19EC108	10	10	5	25

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ENGINEERING

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A Project report

On

TOUCH SENSOR USING 555 TIMER IC

Submitted

during III Semester of

Electronics and Communication Engineering

for the academic year

2020-21

Under the guidance of

Prof. Suma V Shetty

Assistant Professor

Submitted by

Name	USN	Creativity(10)	Implementation(10)	Report(05)	Total(25)
Shivani.V	1SG19EC092	10	10	5	25
Preeti Kulkarni	1SG19EC067	10	10	5	25
Taranum Banu	1SG19EC107	10	10	5	25

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