

### SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST ®

### SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visvesvaraya Technological University, Belagavi& Approved by AICTE, New Delhi) (Accredited by NAAC with "A" GRADE) (ISO 9001:2015 and 14001:2015 Certified)

### Department of Electrical and Electronics Engineering

MINI PROJECT BATCH LIST 2020-21

		MINI PROJECT BA	SEC:A	
YEAR:	The second secon	STUDENT NAME	USN	TITLE
SL.NO	BATCH NO	AYYAPPA J	1SG19EE010	INFRARED SANITIZER DISPENSER
1	A1		1SG19EE031	
2		GAGAN B R	1SG19EE033	
3		GURUNANDAN S	1SG19EE037	
4		HEMANTH P A	1SG19EE025	AUTOMATIC SANITIZER DISPENSER  LASER SECUTITY SYSTEM
5	A2	CLEVIN PRAJWAL DSOUZA	1SG19EE027	
6		DHARSHAN C S	1SG19EE030	
7		FAZLIL ABBAS AK	1SG19EE032	
8		GIRISH E	1SG19EE013	
9	A3	BHARATH K H	1SG19EE014	
10		BHARATH N	1SG19EE028	
11	A3	DILEEP B S	1SG19EE034	
12		HANAMANT MARADI	1SG18EE072	FIRE ALARM DETECTOR
13	A4	SANTHOSH REDDY G	1SG19EE020	
14		BIJAY DHAMI	1SG19EE022	
15		CHETHAN V	1SG19EE022	LIGHT SENSOR CIRCUIT SECURITY SYSTEM
16	A5	ABHIMANYU KUMAR	1SG19EE004	
17		AKASH G J	1SG19EE004	
18		BHARATH B	1SG19EE012	
19		KRUTHIK L G	1SG19EE042	LASER SECURITY ALARM SYSTEM WITH MIRROR REFLECTION  AUTOMATIC STREET LIGHT USING LDR  NON CONTACT AC VOLTAGE DETECTOR
20	A6	ADVIKA SHIVANNA		
21		ANUSHREE HD	1SG19EE007	
22		B LALITHA	1SG19EE011	
23		HARSHITHA MJ	1SG19EE036	
24		ARPITHA G	1SG19EE009	
		BHAVANA Y S	1SG19EE016	
25		BHOOMIKA A	1SG19EE018	
26		BHOOMIKA N	1SG19EE019	
27		DIVYA N	1SG19EE029	
28		HARSHITHA C	1SG19EE035	
29	Ao	KEERTHI B R	1SG19EE041	
30		BHAVYA S	1SG19EE017	
31		ANUSHA R	1SG19EE006	VOICE RECOGNIZATION BASED ON AND OFF LED LIGHT USING BLUETOOTH MODULE
32	A9	ARCHANA S B	1SG19EE008	
33		CHAITHRA B M	1SG19EE021	
34		KARUNA N	1SG19EE040	
3.		ANUPAMA D	1SG19EE005	WIRELESS POWER TRANSMISSION
3		BHAVANA K S	1SG19EE015	
_	7 8 8	CHINMAYE N	1SG19EE023	
-		CHINIVIATE	1SG19EE043	
3		KRUTHIKA J S	1SG18EE039	
4	10 11 12 A1	HEMASHREE S	1SG19EE024	
4		CHITRASHREE DC	1SG19EE038	
2		K HEMA K M JANET EVANGELIN	1SG19EE039	
4	43			D1 /

Coordinator

Principal Sapthagiri College of Engineering 14/5, Chikkasandra, Hesarsghatta Main Road Bengaluru - 550 057

HOD, EEE PROF & HOD

Dawfmart of Electrical & Electronica Engine Saptragiri College of Econggy ing Bangalore - 16 11 4

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### Department of Electrical and Electronics Engineering

MINI PROJECT BATCH LIST 2020-21

YEAR:II			SEC:B	
SL.NO	BATCH NO	STUDENT NAME	USN	TITLE
1	BATOTINO	SNEHAS K T	1SG19EE071	WATER TANK OVER LOAD ALARM
2	В1	NUTHAN S M	1SG19EE054	
3		PUNITH KUMAR B	1SG19EE061	
4	B2	SRIVATSA P SHANBHAG	1SG19EE073	WIRELESS COMMUNICATION USING TRANSCEIVER MODULE
5		LIKHITHA H D	1SG19EE045	
6		SAGAR SHILIYAPPANAVAR	1SG19EE067	
7		TEJAS KN	1SG19EE076	
8	B3	MYTHRINAYAKA N S	1SG19EE051	TOUCH SENSOR
9		NANDINI S	1SG19EE052	
10	- 55	SAHANA B METI	1SG19EE068	
11	B4	PAVAN KUMR G	1SG19EE058	FIRE SENSOR
12		VINOD V	1SG19EE083	
13		VISHWAS M	1SG19EE085	
14	B5	MANOJ K M	1SG19EE048	SMOKE DETECTOR ALARM
15		MANU S	1SG19EE049	
16		P S GURU PRASAD	- 1SG19EE055	
17		PRAJWAL V	1SG19EE060	
18	B6	M JAYASHRI	1SG19EE046	LASER LIGHT SECURITY ALARM SYSTEM
19		MONISHA Y	1SG19EE050	
20		RAKSHITHA S D	1SG19EE062	
21		VINUTHA HR	1SG19EE084	
22.	B7	RANJITHA N	1SG19EE063	SIMULATION OF ON BOARD ELECTRIC VEHICLE CHARGER
23		REVATHI S	1SG19EE066	
24		SAHANA K DHAGE	1SG19EE069	
25		VIJAYALAKSHMI A BONGALE	1SG19EE080	
26		RAVI KIRAN K	1SG19EE064	CELLPHONE DETECTOR
27	7)	VEERESH S	1SG19EE078	
28	B8	REVANTH ARADHYA U	1SG19EE065	
29		MANEESH R	1SG19EE047	
	B9	PAPPU KUMAR SAH	1SG19EE057	MINI TELSA COIL
30		SONU KUMAR SHAH	1SG19EE072	
32		VIGHNESH G	1SG19EE079	
33		PRIYA N	1SG18EE057	
34		NAREN PV	1SG19EE053	AUTOMATIC STREET LIGHT MODEL USING PROXIMITY SENSOR
35	B10	PRAJWAL S	1SG19EE059	
36		VINAYAKA V	1SG19EE082	
37		LIKITH K	1SG19EE04	

Principal

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

PROF & HOD

Department of Electrical & Electronica Emphaset 2 See get College of Season

### For the academic year 2020-21

### SAPTHAGIRI COLLEGE OF ENGINEERING

No. 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



### CERTIFICATE

This is to certify that the mini project work entitled "INFRARED SANITISER DISPENSER" carried out by AYYAPPA J(1SG19EE010), GAGAN BR(1SG19EE031), GURUNANDAN S(1SG19EE033), HEMANTH PA(1SG19EE037) bona fide students of III semester in department of Electrical and Electronics Engineering during the academic year 2020-2021

Mr.MAHAVISHNU K B P

Asst. Professor Dept. Of EEE Signature of the HOD Dr. K.N. Ravi

Professor& H.O.D

( Head of the Dept., EEE)

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

### FOR THE ACADEMIC YEAR 2020-21

### SAPTHAGIRI COLLEGE OF ENGINEERING

No. 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



#### CERTIFICATE

This is to certify that the mini project work entitled "LASER SECURITY SYSTEM" carried out by BHARATH N, BHARATH K H, DILEEP B S, HANAMANT MARADI bearing USN: 1SG19EE014, 1SG19EE013, 1SG19EE028, 1SG19EE034 bona fide students of 3rd semester in department of Electrical and Electronics Engineering during the academic year 2020-2021

Signature of the Guide

Mr. Prof. Shivaraj A

Asst professor Dept. of EEE

SCE

Signature of the HOD Dr. K.N. Ravi

Professor & H.O.D (Head of the Dept., EEE)

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#### CERTIFICATE

This is to certify that the mini project work entitled "FIRE ALARM DETECTOR" carried out by bearing NAME (Chethan V, Bijay dhami, Santhosh Reddy) bearing USN [ISG19EE022, ISG19EE020, ISG18EE072] bona fide students of 3<sup>rd</sup> semester in department of Electrical and Electronics Engineering during the academic year 2020-2021

Signature of the Guide Mr.BHARATH B.N

> Asst. Professor Dept. Of EEE

Signature of the HOD

Dr. K.N.RAVI

Professor & H.O.D ( Head of the Dept., EEE)

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#### CERTIFICATE

This is to certify that the mini project work entitled "Light Sensor Circuit Security System" carried out by bearing, [Abhimanyu Kumar, Akash GJ, Bharath B, Kruthik LG] bearing USN [1SG19EE001], [1SG19EE004], [1SG19EE012], [1SG19EE042] bona fide students of 3rd semester in department of Electrical and Electronics Engineering during the academic year 2020-2021.

Signature of the Guide

Mr Murali Krishna K

Asst. Professor

Dept. of EEE

Signature of the HOD

Dr.KN Ravi

Professor & HOD

(Head of Dept., EEE)

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No. 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



#### CERTIFICATE

This is to certify that the mini project work entitled "Laser Security Alarm System with Mirror Reflection" carried out by Advika Shivanna bearing USN (1SG19EE002), Anushree HD bearing USN (1SG19EE007), B Lalitha bearing USN (1SG19EE011) & Harshitha MJ bearing USN (1SG19EE036) bona fide students of 3<sup>rd</sup> semester in department of Electrical and Electronics Engineering during the academic year 2020-2021

Signature of the Guide Mrs. Harshitha MR

> Asst. Professor Dept. Of EEE

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

Dr. K.N. Ravi
Professor & H.O.D

No. 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



#### CERTIFICATE

This is to certify that the mini project work entitled "AUTOMATIC STREET LIGHT USING LDR" carried out by bearing NAME (ARPITHA G, BHAVANA Y S, BHOOMIKA A, BHOOMIKA N) bearing USN [1SG19EE009, 1SG19EE016, 1SG19EE018, 1SG19EE019] bona fide students of 3<sup>rd</sup> semester in department of Electrical and Electronics Engineering during the academic year 2020-2021.

A.

Signature of the Guide

Mrs . Sumangala S J

Asst. Professor

Dept. Of EEE

Principal Sapthagiri College of En

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Signature of the HOD

Dr. K.N. Ravi

No. 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



#### CERTIFICATE

This is to certify that the mini project work entitled "Non Contact AC Voltage Detector" carried out by Divya N bearing USN (1SG19EE029), Harshitha C bearing USN (1SG19EE035), Keeethi BR bearing USN (1SG19EE041) & Bhavya S bearing USN (1SG19EE017) bona fide students of 3<sup>rd</sup> semester in department of Electrical and Electronics Engineering during the academic year 2020-2021

Signature of the Guide

L.S. DOL

Mr/Mrs. NAGARAJA.B.S

Asst. Professor Dept. Of EEE

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Bengaluru - 560 057

Signature of the HOD Dr. K.N. Ravi

No. 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



#### CERTIFICATE

This is to certify that the mini project work entitled "VOICE RECOGNIZATION BASED ON AND OFF LED LIGHT USING BLUETOOTH MODULE" carried out by ANUSHA. R [1SG19EE006], ARCHANA. SB [1SG19EE008], CHAITHRA. BM [1SG19EE021] and KARUNA. N [1SG19EE040] bonafide students of 3<sup>rd</sup> semester in the department of Electrical and Electronics Engineering during the academic year 2020-2021.

Signature of the Guide Prof. Akshay Kumar D

> Asst. Professor Dept. of EEE

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Signature of the HOD

Dr. K.N. Ravi

Professor & HOD

(Dept. of EEE)

No. 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



### **CERTIFICATE**

This is to certify that the mini project work entitled "RAIN WATER DETECTOR" carried out by bearing NAME(Anupama D, Bhavana.KS, Chinmaye N, Kruthika.JS) bearing USN [1SG19EE005, 1SG19EE015, 1SG19EE023, 1SG19EE043] bona fide students of 3<sup>rd</sup> semester in department of Electrical and Electronics Engineering during the academic year 2020-2021.

Signature of the Guide

Mrs . Sumangala S J

Asst. Professor Dept. Of EEE Principal
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Bengaluru - 560 057

Signature of the HOD

Dr. K.N. Ravi

NO.14/5 Chikkasandra Hesaraghatta Main Road ,Bengaluru-560057



### CERTIFICATE

This is to certify that the mini project work entitled "WIRELESS POWER TRANSMISSION" carried out by HEMASHREE [1SG18EE039] , CHITRASHREE DC [1SG19EE024] , K HEMA [1SG19EE038], KM JANET EVANGELIN [1SG19EE039] bonafide students of 3<sup>rd</sup> semester in department of Electrical and Electronics Engineering of the Visvesvaraya Technological university , belagivi during the academic year 2020-2021.

A.V. Abharina Signature of the guide

Prof. Ashwini AV

ASST. Professor

Dept. of EEE

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Bengaluru - 560 057

Signature of the HOD

Dr. K N Ravi

Professor & HOD

(Head of the dept. EEE)

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#### CERTIFICATE

This is to certify that the mini project work entitled" WATER TANK OVERLOAD ALARM" carried out by NUTHAN SM bearing USN:1SG19EE054, SNEHAS KT bearing USN:1SG19EE071, PUNITH KUMAR B bearing USN:1SG19EE061 bona fide students of 3RD semester in department of Electrical and Electronics Engineering during the academic year 2020-2021

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Signature of the Guide

Mr.MAHAVISHNU K BP

Asst. Professor (Dept. Of EEE) Signature of the HOD Dr. K.N. Ravi

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#### CERTIFICATE

This is to certify that the mini project work entitled "WIRELESS COMMUNICATION USING TRANSCEIVER MODULE "carried out by Tejas K N (1SG19EE076), Likhitha H D (1SG19EE045), Sagar Shiliyappanavar (1SG19EE067), Srivatsa P Shanbhag (1SG19EE073) bona fide students of 3<sup>rd</sup> semester in department of Electrical and Electronics Engineering during the academic year 2020-2021.

X Signature of the Guide

Mrs. Pretha N P

Asst. Professor Dept. Of EEE Principal Santhagiri College of E

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

Dr. K.N. Ravi

### FOR THE ACADEMIC YEAR 2020 -21

#### CERTIFICATE

This is to certify that the mini project work entitled "TOUCH SENSOR"

carried out by name bearing USN

MYTHRI NAYAKA NS USN [1SG19EE051], NANDINI S [ 1SG19EE052],

SAHANA B METI [1SG19EE068] bona fide students of 3rd semester in appartment of Electrical and Electronics Engineering during the academic year 2020-2021

Signature of the Guide Mr. Shivraj A

JA'

Asst. Professor Dept. Of EEE Signature of the HOD Dr. K.N. Ravi

Professor& H.O.D ( Head of the Dept., EEE)

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Bengalum

No. 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



#### CERTIFICATE

This is to certify that the mini project work entitled "FIRE SENSOR" carried out by PAVAN KUMAR G[1SG19EE058], VINOD V [1SG19EE083], VISHWAS M[1SG19EE085], bona fide students of 3<sup>rd</sup>semester in department of Electrical and Electronics Engineering during the academic year 2020-2021

Signature of the Guide Mr. BHARATH B N

Asst. Professor Dept of EEE

Principal
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Bengaluru - 560 057

Signature of the HOD Dr. K.N.Ravi

No. 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



#### CERTIFICATE

This is to certify that the mini project work entitle "SMOKE DETECTOR ALARAM" carried out by Manoj K M, Manu S, P S Guru Prasad, Prajwal V bearing USN 1SG19EE048, 1SG19EE049, 1SG19EE055 and 1SG19EE060 bona fide students of III semester in department of Electrical and Electronics Engineering during the academic year 2020-2021

Signature of the Guide Mr MuraliKrishna K

> Asst. Professor Dept. Of EEE

Signature of the HOD

Dr. K.N. Ravi

Professor& H.O.D ( Head of the Dept., EEE)

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Bengaluru - 560 057

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#### CERTIFICATE

This is to certify that the mini project work entitled "LASER LIGHT SECURITY ALARM SYSTEM" carried out by Jayashri M [1SG19EE046], Monisha Y[1SG19EE050], Rakshitha S D[1SG19EE062], Vinutha H R[1SG19EE084], students of 3<sup>RD</sup> semester in department of Electrical and Electronics Engineering during the academic year 2020-2021

102/102/2027

Signature of the Guide Mrs.Harshitha M R

Asst. Professor

Dept. Of EEE

Signature of the HOD

Dr. K.N. Ravi

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(Head of the Dept., EEE)

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Bengaluru - 560 057

### FOR THE ACADEMIC YEAR 2020-21

### SAPTHAGIRI COLLEGE OF ENGINEERING

No. 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



#### CERTIFICATE

This is to certify that the mini project work entitled "SIMULATION OF ON-BOARD ELECTRIC VEHICLE CHARGER" carried out by Ranjitha N bearing USN [1SG19EE063], Revathi S bearing USN [1SG14EE066], Sahana K Dhage bearing USN [1SG19EE069], Vijayalakshmi A Bongale bearing USN [1SG19EE080], bona fide students of 3<sup>rd</sup> semester in department of Electrical and Electronics Engineering during the academic year 2020-2021

Signature of the Guide
Mr. AKSHAY KUMAR D

Asst. Professor Dept. Of EEE Principal
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14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Signature of the HOD Dr. K.N. Ravi

No. 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



#### CERTIFICATE

This is to certify that the mini project work entitled "CELL PHONE DETECTOR" carried out by Ravi Kiran K[1SG19EE064], Veeresh S[1SG19EE078], Revanth Aradhya U[1SG19EE065], Maneesh R[1SG19EE047] bona fide students of 3<sup>rd</sup> semester in department of Electrical and Electronics Engineering during the academic year 2020-2021

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

Signature of the Guide Mr. Yousaf Madar

> Asst. Professor Dept of EEE

Signature of the HOD Dr. K.N.Ravi

No. 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



#### CERTIFICATE

This is to certify that the mini project work entitled "Mini Tesla Coil" carried out by PAPPU KUMAR SAH (1SG19EE057), SONU KUMAR SHAH (1SG19EE072), VIGNESH G (1SG19EE079), PRIYA N (1SG18EE057) bona-fide students of 3rd semester in department of Electrical and Electronics Engineering during the academic year 2020-2021

Signature of the Guide Mrs. Divya N S

> Asst. Professor Dept. Of EEE

Signature of the HOD

Dr. K.N Ravi

Professor & H.O.D ( Head of the Dept., EEE)

Principal
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Bengaluru - 560 057

No. 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



### CERTIFICATE

This is to certify that the mini project work entitled "AUTOMATIC STREET LIGHT MODEL USING PROXIMITY SENSOR" carried out by NAREN PV BEARING USN [1SG19EE053], PRAJWAL S BEARING USN [1SG19EE059], VINAYAKA V bearing USN [1SG19EE082], LIKITH K bearing USN [1SG19EE044], bona fide students of 3RD semester in department of Electrical and Electronics Engineering during the academic year 2020-2021

Signature of the Guide Mr/Mrs. SWETHA. G

Asst. Professor Dept. Of EEE Principal
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
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Signature of the HOD Dr. K.N. Ravi