

1.3.3 Percentage of students undertaking project work/field work/ internships

1. List of students undertaken project for 1st year program wise

Sl. No	Programme name	Program Code	List of students undertaken project
1	Electrical and Electronics Engineering	EE	Abhijeet Prasad
2	Electrical and Electronics Engineering	EE	Akshay Devadatt N. C
3	Electrical and Electronics Engineering	EE	Amogh Girish Kulkarni
4	Electrical and Electronics Engineering	EE	Amrutha R
5	Electrical and Electronics Engineering	EE	Anirudh B K
6	Electrical and Electronics Engineering	EE	Anshu
7	Electrical and Electronics Engineering	EE	Anusha.H
8	Electrical and Electronics Engineering	EE	Arjun R
9	Electrical and Electronics Engineering	EE	Ashwin S
10	Electrical and Electronics Engineering	EE	Bala Surya S
11	Electrical and Electronics Engineering	EE	Balaji A
12	Electrical and Electronics Engineering	EE	Bharath B R
13	Electrical and Electronics Engineering	EE	Bharath J
14	Electrical and Electronics Engineering	EE	Bhumika S Kumar
15	Electrical and Electronics Engineering	EE	Chaitra N
16	Electrical and Electronics Engineering	EE	Chandan K S
17	Electrical and Electronics Engineering	EE	Chandana Vasanth
18	Electrical and Electronics Engineering	EE	Charan O
19	Electrical and Electronics Engineering	EE	Cheluvarama S
20	Electrical and Electronics Engineering	EE	Chethan B
21	Electrical and Electronics Engineering	EE	Chethan G N
22	Electrical and Electronics Engineering	EE	Chethan Gowda G T
23	Electrical and Electronics Engineering	EE	Chirag K S
24	Electrical and Electronics Engineering	EE	Manojkumar D
25	Electrical and Electronics Engineering	EE	Darshan P
26	Electrical and Electronics Engineering	EE	Devarinit Keerthi
27	Electrical and Electronics Engineering	EE	Dharmaraj H T
28	Electrical and Electronics Engineering	EE	Divya N R
29	Electrical and Electronics Engineering	EE	Ganavi N H
30	Electrical and Electronics Engineering	EE	Gurukiran V
31	Electrical and Electronics Engineering	EE	Harsha M
32	Electrical and Electronics Engineering	EE	Harshith M S
33	Electrical and Electronics Engineering	EE	Harshitha A B
34	Electrical and Electronics Engineering	EE	Harshitha V
35	Electrical and Electronics Engineering	EE	Harshitha V
36	Electrical and Electronics Engineering	EE	Hemashree S
37	Electrical and Electronics Engineering	EE	J S Haritha
38	Electrical and Electronics Engineering	EE	Jayavaran J Jogottu

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

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

Phone: 080-28372800/1/2

www.sapthagiri.edu.in

Fax: 080-28372797

Sl. No	Programme name	Program Code	List of students undertaken project
39	Electrical and Electronics Engineering	EE	Kiran S
40	Electrical and Electronics Engineering	EE	Kruthika H M
41	Electrical and Electronics Engineering	EE	Lohith T K
42	Electrical and Electronics Engineering	EE	Madhurima Acharya
43	Electrical and Electronics Engineering	EE	Mahalakshmi B R
44	Electrical and Electronics Engineering	EE	Mithun Kumar A C
45	Electrical and Electronics Engineering	EE	Ashuthosh Singh
46	Electrical and Electronics Engineering	EE	Nahusha K N
47	Electrical and Electronics Engineering	EE	Nandeesh G
48	Electrical and Electronics Engineering	EE	Narayan Vasist
49	Electrical and Electronics Engineering	EE	Neha G Prashanth
50	Electrical and Electronics Engineering	EE	Nisarga P
51	Electrical and Electronics Engineering	EE	Parikshit K
52	Electrical and Electronics Engineering	EE	Prajwal R
53	Electrical and Electronics Engineering	EE	Priya N
54	Electrical and Electronics Engineering	EE	Priyanka R
55	Electrical and Electronics Engineering	EE	Purushotham E
56	Electrical and Electronics Engineering	EE	Raghavendra K S
57	Electrical and Electronics Engineering	EE	Rahul C
58	Electrical and Electronics Engineering	EE	Ranjath Gowda
59	Electrical and Electronics Engineering	EE	Rakesh N
60	Electrical and Electronics Engineering	EE	Roopashree S
61	Electrical and Electronics Engineering	EE	S G Mohith Gowd
62	Electrical and Electronics Engineering	EE	S Sahana
63	Electrical and Electronics Engineering	EE	Sahana H Uchil
64	Electrical and Electronics Engineering	EE	Samyama S
65	Electrical and Electronics Engineering	EE	Sandeep K
66	Electrical and Electronics Engineering	EE	Sathish D G
67	Electrical and Electronics Engineering	EE	Sathish N B
68	Electrical and Electronics Engineering	EE	Sharath Y V
69	Electrical and Electronics Engineering	EE	Sinchana R
70	Electrical and Electronics Engineering	EE	Sindhu N
71	Electrical and Electronics Engineering	EE	Sneha V
72	Electrical and Electronics Engineering	EE	Sneha P R
73	Electrical and Electronics Engineering	EE	Sowmya L
74	Electrical and Electronics Engineering	EE	Spoorthi N
75	Electrical and Electronics Engineering	EE	Sridhar B
76	Electrical and Electronics Engineering	EE	Srinivas Bhat
77	Electrical and Electronics Engineering	EE	Srujana V Hugar
78	Electrical and Electronics Engineering	EE	Sumanth S


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

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

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

Phone: 080-28372800/1/2

www.sapthagiri.edu.in

Fax: 080-28372797

Sl. No	Programme name	Program Code	List of students undertaken project
79	Electrical and Electronics Engineering	EE	Samanth J
80	Electrical and Electronics Engineering	EE	Sushmitha G
81	Electrical and Electronics Engineering	EE	Ujwal PG
82	Electrical and Electronics Engineering	EE	Uma Devi M
83	Electrical and Electronics Engineering	EE	Veena S
84	Electrical and Electronics Engineering	EE	Vishwanathareddy Hosagowdra
85	Electrical and Electronics Engineering	EE	Yashwanth R
86	Electrical and Electronics Engineering	EE	Yoganarasimha D L


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

10/10
14/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON

**"TO SWITCH ON/OFF AN LED USING A DIODE IN
FORWARD/REVERSE BIAS USING A BATTERY CELL"**



II Semester
Electrical and Electronic Engineering
For the academic year 2018-19

Submitted by
Mr. ABHIJEET PRASAD
1SG18EE001

Under the guidance of
Mrs. PREETHI TS
Assistant professor
Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING
SAPTHAGIRI COLLEGE OF ENGINEERING
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

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

Dr. B.S. KRISHNA
Professor & Head
Department of Electrical Engineering
Bengaluru-560 057

10
15/6/19

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

**“TO SWITCH ON/OFF AN LED USING A DIODE IN
FORWARD/REVERSE BIAS USING A BATTERY CELL”**



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

Mr Akshay Devdutt N C

USN:1SG18EE003

Under the guidance of

Mrs. PREETHI TS

Assistant professor

Department of ECE, SCE

Dr. B.S. KRISHNA

**Professor & Head
Department of Chemistry**

Sapthagiri College of Engineering

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Principal

Sapthagiri College of Engineering

Chikkasandra, Hesaraghatta Road,

Bangalore-560 057

100
15/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON


**“TO SWITCH ON/OFF AN LED USING A DIODE IN
FORWARD/REVERSE BIAS USING A BATTERY CELL ”**



II Semester
ELECTRICAL AND ELECTRONICS ENGINEERING
For The Academic Year 2018-19

Submitted by
Mr. AMOGH .GIRISH .KULKARNI [ISG18EE004]

Under the Guidance of
Mrs. PREETHI TS
Assistant professor
Department of ECE, SCE


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road, Bengaluru-56005

DEPARTMENT OF ELECTRONICS AND COMUNICATION ENGINEERING
SAPTHAGIRI COLLEGE OF ENGINEERING
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 56005

• **BASIC ELECTRONICS**
(18ELN24)

PROJECT REPORT ON

"BRIDGE RECTIFIER"



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

Amrutha. R

ISG18EE005

Under the guidance of

Mrs. PREETHI TS

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTROINC ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Principal

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

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BEN

BASICELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To operate the IC 741 integrator circuit”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr. ANIRUDH.BK

1SG18EE006

Under the Guidance of

Preethi T S

Assistant Professor

Electronics and Communication Department

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-56

Principal

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

2018-2019

Department of Electricals and Electronics Engineering

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering

BASIC ELECTRONICS
(18ELN14)
PROJECT REPORT ON


**“TO SWITCH ON/OFF AN LED USING A DIODE IN
FORWARD/REVERSE BIAS USING A BATTERY CELL”**



II Semester
Electrical and Electronics Engineering
For the academic year 2018-19

Submitted by
Ms. ANSHU [1SG18EE007]

Under the guidance of
Mrs. PREETHI TS
Assistant professor
(Department of ECE, SCE)


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

10
14/6/19

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“BRIDGE RECTIFIER”



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

ANUSHA. H

1SG18EE009

Under the guidance of

Mrs. PREETHI TS

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Principal

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

Dr. B.S. KRISHNA

Professor & Head
Department of Chemistry
Sapthagiri College of Engineering

To operate ic 741 integrator circuit

10/10
10/10
10/10

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To operate the IC 741 integrator circuit”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr. ARJUN R

1SG18EE010

Under the Guidance of

Preethi T S


Assistant Professor

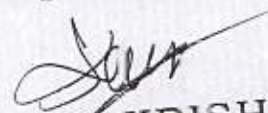
Electronics and Communication Department

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-56


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
Bangalore-560 057

To operate ic 741 integrator circuit

10/10
12/6/19

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To operate the IC 741 integrator circuit”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr. ASHUTHOSH SINGH

1SG18EE011

Under the Guidance of

Preethi T S


Assistant Professor

Electronics and Communication Department


ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-56


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

2018-2019 Department of Electricals and Electronics Engineering


Dr. B.S. KRISHNA

Professor & Head
Department of Chemistry

Sapthagiri College of Engineering
BENGALURU - 560 057.

BASICELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To operate the IC 741 integrator circuit”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr. ASHWIN S

1SG18EE012

Under the Guidance of

Preethi T S

Assistant Professor

Electronics and Communication Department

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-56

Principal

Sapthagiri College of Engineering

2018-2019, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560 057, Electricals and Electronics Engineering

Bangalore - 560 057

Dr. B.S. KRISHNA

Professor & Head

Department of Chemistry

Sapthagiri College of Engineering
BENGALURU - 560 057.

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To operate the loudspeaker using IC555 Timer”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr. BalaSurya .S

1SG18EE013

Under the Guidance of

Preethi T S


Assistant Professor


Electronics and Communication Department

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

EXPERIMENT TO OPERATE LOUDSPEAKER USING IC555 TIMER

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To operate the loudspeaker using IC555 Timer”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Balaji A

1SG18EE014

Under the Guidance of

Preethi T S

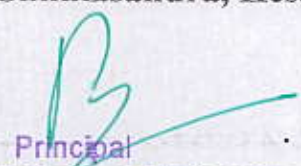
Assistant Professor


Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

2018-19

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

To operate loudspeaker using IC555 timer

10/10
14/6/19

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To operate the loudspeaker using IC555 Timer”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr. Bharath.B.R

1SG18EE015

Under the Guidance of

Preethi T S

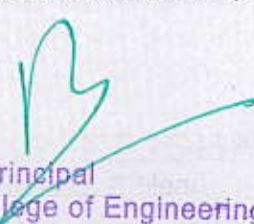
Assistant Professor

Electronics and Communication Department

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057

10/10
14/6/19

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"To operate the loudspeaker using IC555 timer"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Bharath j

1SG18EE016

Under the Guidance of

Preethi T S

Assistant Professor


Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057


Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
2018-19 Bangalore-560057


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

10/10
13/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
RELAY SWITCH USING TRANSISTOR



II SEMESTER
Electronics and Communication Engineering
For the academic year 2018-19

Submitted by

BHUMIKA. S. KUMAR

(1SG18EE017)

Under the guidance of

PREETHI T S

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5 Chikkasandra, Hesaraghatta main road, Bangalore-560057


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“RELAY SWITCH WITH HELP OF TRANSISTOR”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-19

Submitted by

CHAITRA N


(1SG18EE018)

Under the Guidance of

PREETHI T S

Assistant professor

Department of ECE, SCE


Dr. B.S. KRISHNA
*Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.*

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5 Chikkasandra, Hesaraghatta main road, Bangalore-560057

Principal

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON

“Relay using Transistor Switch”





II Semester
Electrical and Electronic Engineering
For the academic year 2018-19

Submitted by
Mr. Chandan KS
1SG18EE019

Under the guidance of
Mrs. PREETHI TS
Assistant professor
Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING
SAPTHAGIRI COLLEGE OF ENGINEERING
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560057


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BANGALORE 560 057.

10/10/19
13/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
RELAY SWITCH USING TRANSISTOR



II SEMESTER
Electronics and Communication Engineering
For the academic year 2018-19

Submitted by

CHANDANA VASANTH

(1SG18EE020)

Under the guidance of

PREETHI T S

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5 Chikkasandra, Hesaraghatta main road, Bangalore-560057

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

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BANGALORE-560 057

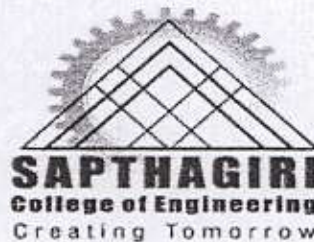
10-8
10
14/6/18

BASICELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To demonstrate diode as switch”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr. CHARAN O

1SG18EE021

Under the Guidance of

Preethi T S

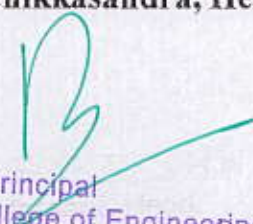
Assistant Professor


Electronics and Communication Department

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-56


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

12/10
12/6/19

BASIC ELECTRONICS
(18ELN24)

PROJECT REPORT ON

**"TO SWITCH ON/OFF AN LED USING A DIODE IN
FORWARD/REVERSE BIAS USING A BATTERY CELL"**



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

Mr. CHELUVA RAMA.S

1SG18EE022

Under the guidance of

Mrs. PREETHI TS

Assistant professor

Department of ECE, SCE

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

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

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

**"TO SWITCH ON/OFF AN LED USING A DIODE IN
FORWARD/REVERSE BIAS USING A BATTERY CELL"**



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

Mr. CHETHAN .B.

1SG18EE023

Under the guidance of

Mrs. PREETHI TS

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Principal

**Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bengaluru-560 057**

Dr. B.S. KRISHNA
Professor & Head

**Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.**

107
10
15/6/19

BASICELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To demonstrate diode as switch”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr. CHETHAN GN

1SG18EE024

Under the Guidance of

Preethi T S

Assistant Professor


Electronics and Communication Department

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-56


Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
2018-2019 Bangalore-560 057


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057

10/8
14/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
"BRIDGE RECTIFIER"





II Semester
Electrical and Electronic Engineering
For the academic year 2018-19

Submitted by
Mr. CHETHAN GOWDA .G.T
1SG18EE025

Under the guidance of
Mrs. PREETHI TS
Assistant professor
Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING
SAPTHAGIRI COLLEGE OF ENGINEERING
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560057


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“BRIDGE RECTIFIER”



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

Mr. Chirag KS

1SG18EE026

Under the guidance of

Mrs. PREETHI TS

Assistant professor

Department of ECE, SCE


DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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


Principal

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


Dr. B.S. KRISHNA

Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057,

10/10
14/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
"BRIDGE RECTIFIER"




II Semester
Electrical and Electronic Engineering
For the academic year 2018-19

Submitted by
D Manoj Kumar
1SG18EE027

Under the guidance of
Mrs. PREETHI TS
Assistant professor
Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTROINC ENGINEERING
SAPTHAGIRI COLLEGE OF ENGINEERING
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560057


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


Dr. B.S. KRISHNA
Professor & Head

Department of Chemistry
Sapthagiri College of Engineering
BENGALURU- 560 057

10/10 8/14/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
"BRIDGE RECTIFIER"





II Semester
Electrical and Electronic Engineering
For the academic year 2018-19

Submitted by
Mr. DARSHAN.P
1SG18EE028

Under the guidance of
Mrs. PREETHI TS
Assistant professor
Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTROINC ENGINEERING
SAPTHAGIRI COLLEGE OF ENGINEERING
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560057


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

10/10
12/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
"IC 741 INTEGRATOR CIRCUIT"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

DEVARINTI KEERTHI

(1SG18EE029)

Under the Guidance of

Preethi T S

Assistant Professor

Electronics and Communication Department

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

To operate ic 741 integrator circuit

10/10
14/6/19

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"To operate the IC 741 integrator circuit"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr. DHARMARAJ HT

1SG18EE030

Under the Guidance of


Preethi T S


Assistant Professor

Electronics and Communication Department

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-56


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057

2018-2019 Department of Electricals and Electronics Engineering

10/10
9/13/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
"IC 741 INTEGRATOR CIRCUIT"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

DIVYA N R

(1SG18EE031)

Under the Guidance of

Preethi T S

Assistant Professor

Electronics and Communication Department

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

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

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

10/10/18
13/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
"IC 741 INTEGRATOR CIRCUIT"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

GANAVIN H

(1SG18EE032)

Under the Guidance of

Preethi T S

Assistant Professor

Electronics and Communication Department

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

B

Principal

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

[Signature]

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
Bangalore-560 057

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"TO OPERATE THE LOUDSPEAKER USING IC555 TIMER"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-19

Submitted by

GURU KIRAN V


(1SG18EE033)

Under the Guidance of

PREETHI T S

Assistant professor

Department of ECE, SCE


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

**DEPARTMENT OF ELECTRICALS AND ELECTRONICS
ENGINEERING**

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5 Chikkasandra, Hesaraghatta main road, Bangalore-560057

Principal

EXPERIMENT TO OPERATE LOUDSPEAKER USING IC555 TIMER

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To operate the loudspeaker using IC555 Timer”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

HARSHA M

1SG18EE034

Under the Guidance of

Preethi T S

Assistant Professor


Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

EXPERIMENT TO OPERATE LOUDSPEAKER USING IC555 TIMER

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To operate the loudspeaker using IC555 Timer”



SAPTHAGIRI
College of Engineering
Creating Tomorrow

II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

HARSHITH M S

1SG18EE035

Under the Guidance of

Preethi T S

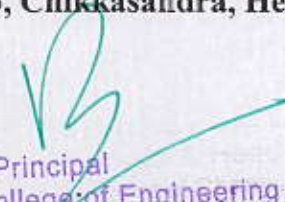
Assistant Professor


Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"TO OPERATE THE LOUDSPEAKER USING IC555 TIMER"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-19

Submitted by

HARSHITHA A B

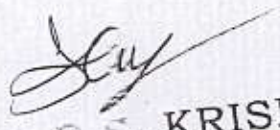
(1SG18EE036)

Under the Guidance of

PREETHI T S

Assistant professor

Department of ECE, SCE


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

SAPTHAGIRI COLLEGE OF ENGINEERING

Principal 14/5 Chikkasandra, Hesaraghatta main road, Bangalore-560057

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

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON
RELAY SWITCH USING TRANSISTOR



II SEMESTER

Electronics and Communication Engineering

For the academic year 2018-19

Submitted by

HARSHITHA. V

(1SG18EE037)

Under the guidance of

PREETHI T S

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

1475 Chikkasandra, Hesaraghatta main road, Bangalore-560057

Principal

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

Dr. B. S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

10/10
13/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
RELAY SWITCH USING TRANSISTOR



II SEMESTER
Electronics and Communication Engineering
For the academic year 2018-19

Submitted by

- HARSHITHA V
(1SG18EE038)

Under the guidance of

PREETHI T S

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5 Chikkasandra, Hesaraghatta main road, Bangalore-560057

Principal

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

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
RELAY SWITCH USING TRANSISTOR



II SEMESTER
Electronics and Communication Engineering
For the academic year 2018-19

Submitted by

- HEMASHREE. S
(1SG18EE039)

Under the guidance of

PREETHI T S

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5 Chikkasandra, Hesaraghatta main road, Bangalore-560057

Principal

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

B.S. KRISHNA

Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

**TRANSISTOR SWITCH CIRCUIT TO OPERATE A
RELAY**



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

ISG18EE040

J S HARITHA

Under the guidance of

Mrs. PREETHI TS

Assistant professor

Department of ECE, SCE


DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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


Principal

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


Dr. B.S. KRISHNA

Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057

10/8
15/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
RELAY SWITCH WITH HELP OF TRANSISTOR



II SEMESTER
Electronics and Communication Engineering
For the academic year 2018-19

Submitted by
JAYVARDHAN. J. JOGUTTU
(1SG18EE041)

Under the guidance of
PREETHI T S
Assistant professor
Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5 Chickasandra, Hesaraghatta main road, Bangalore-560057

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

[Signature]
B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering,
BENGALURU - 560 057.

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To operate the IC 741 integrator circuit”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr. KIRAN S

1SG18EE042

Under the Guidance of

Preethi T S

Assistant Professor

Electronics and Communication Department

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-56

Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
2018-2019 Bangalore-560 Department of Electricals and Electronics Engineering

10/10
14/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
"IC 741 INTEGRATOR CIRCUIT"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

KRUTHIKA H M

(1SG18EE043)

Under the Guidance of

Preethi T S

Assistant Professor

Electronics and Communication Department

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Principal

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

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

To operate ic 741 integrator circuit

10/10
8
4/6/19

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To operate the IC 741 integrator circuit”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr. LOHITH.T.K


1SG18EE044

Under the Guidance of

Preethi T S

Assistant Professor


Electronics and Communication Department


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-56


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

2018-2019 Department of Electricals and Electronics Engineering

10/8
14/6/19

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
"IC 741 INTEGRATOR CIRCUIT"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

MADHURIMA ACHARYA

(1SG18EE045)

Under the Guidance of

Preethi T S

Assistant Professor

Electronics and Communication Department

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

13

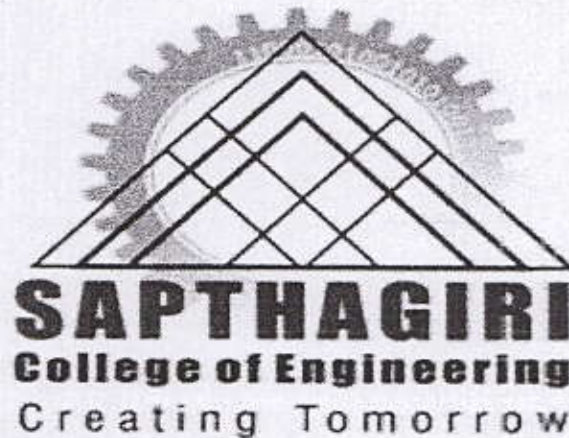
Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

[Signature]

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

10/6/18


BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
"IC 741 INTEGRATOR CIRCUIT"



II Semester
Electricals and Electronics Engineering
For the academic year 2018-19

Submitted by
MAHALAKSHMI B R
(1SG18EE046)

Under the Guidance of
PREETHI T S
Assistant professor
Department of ECE, SCE


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5 Chikkasandra, Hesaraghatta main road, Bangalore-560057

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

EXPERIMENT TO OPERATE LOUDSPEAKER USING IC555 TIMER

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To operate the loudspeaker using IC555 Timer”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

MITHUN KUMAR A.C

1SG18EE048

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

2018-19

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, SCE

Principal

Sapthagiri College of Engineering

Chikkasandra, Hesaraghatta Road,

Bangalore-560 057


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“TO OPERATE AN INTEGRATOR CIRCUIT USING IC741”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

NAHUSHA K N

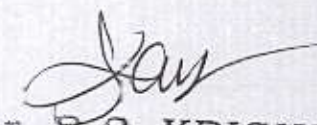
1SG18EE049

Under the Guidance of

PADMAVATHI C

Assistant Professor

Department of Electronics and Communication Engineering


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

EXPERIMENT TO OPERATE LOUDSPEAKER USING IC555 TIMER

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To operate the loudspeaker using IC555 Timer”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

NANDEESH .G

1SG18EE050

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

2018-19

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, SCE

Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
BENGALURU - 560 057

DR. B.S. KRISHNA

Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON

**"To construct transistor switch circuit to operate a
relay to switch on/off an LED"**



Semester II
Electrical and Electronics Engineering
For the academic year 2018-19

Submitted by
Narayan Vasist (1SG18EE031)

Under the guidance of
Ms. Padmavathi
Assistant professor
Department of E&CE, SCE

Handwritten signature

Electrical And Electronics Engineering
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesarghatta Main Road, Bengaluru -560057

2018-19

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

Dept of EEE

Handwritten signature

Dr. B.S. KRISHNA 1
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BANGALURU - 560 057

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON

**"To construct transistor switch circuit to operate a
relay to switch on/off an LED"**



Semester II
Electrical and Electronics Engineering
For the academic year 2018-19

Submitted by
Neha.G.Prashanth (1SG18EE053)

Under the guidance of
Ms.Padnavathi
Assistant professor
Department of E&CE, SCE

Pat. Hec. C

Electrical And Electronics Engineering
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesarghatta Main Road, Bengaluru -560057

2018-19

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

Dept of EEE

Dr. B.S. KRISHNA
Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON

**+5V POWER SUPPLY UNIT USING BRIDGE RECTIFIER
,CAPACITOR FILTER AND IC 7805**



II Semester
Electrical and Electronic Engineering
For the academic year 2018-19

Submitted by

1SG18EE054

Nisarga.P

Under the guidance of

Mrs. Padmavathi

Assistant professor

Department of ECE, SCE

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

DEPARTMENT OF ELECTRICAL AND ELECTROINC ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON

**CONSTRUCT TRANSISTOR SWITCH CIRCUIT TO
OPERATE A RELAY TO SWITCH ON/OFF AN LED**



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

Mr. PARIKSHIT K (1SG18EE055)

Under the guidance of

Mrs. PADMAVATHI

Assistant professor

Department of ECE, SCE

Padma C

[Signature]

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

CONSTRUCT TRANSISTOR SWITCH CIRCUIT TO
OPERATE A RELAY TO SWITCH ON/OFF AN LED



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by


Mr. PRAJWAL R (1SG18EE056)

Under the guidance of

Mrs. PADMAVATHI

Assistant professor

Department of ECE, SCE


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Principal

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

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

**+5V POWER SUPPLY UNIT USING BRIDGE RECTIFIER
,CAPACITOR FILTER AND IC 7805**



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

1SG18EE057

Priya.N

Under the guidance of

Mrs. Padmavathi

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Principal

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,

Dr. B.S. KRISHNA

Dr. B.S. KRISHNA
Head
Chemistry
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road, Bengaluru- 560057

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
INVERTING AND NON - INVERTING
SUMMING AMPLIFIER



II SEMESTER
Electronics and Communication Engineering
For the academic year 2018-19

Submitted by

PRIYANKA R

(1SG18EE058)

Under the guidance of

PADMAVATHI

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5 Chikkasandra, Hesaraghatta main road, Bangalore-560057

Pathe C

Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
0 307

Dr. B.S. Krishna

Dr. B.S. KRISHNA
Professor & Head

Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"TO OPERATE AN INTEGRATOR CIRCUIT USING IC741"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

PURUSHOTHAM E

1SG18EE059

Under the Guidance of

PADMAVATHI C

Assistant Professor

Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

2018-19

Department of Electrical and Electronics Engineering

1 | Page

Principal

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

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BANGALURU - 560 057

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“TO SWITCH ON/OFF AN LED USING A DIODE IN
FORWARD/REVERSE BIAS USING A BATTERY CELL”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

RAGHAVENDRA K S

1SG18EE060

Raghavendra K S

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering

[Signature]
Dr. B. S. KRISHNA

Head of the Department
Sapthagiri College of Engineering
BENGALURU - 560 057.

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

EXPERIMENT TO OPERATE LOUDSPEAKER USING IC555 TIMER

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"TO SWITCH ON/OFF AN LED USING A DIODE IN
FORWARD/REVERSE BIAS USING A BATTERY CELL"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

RAHUL C

1SG18EE061

Rahul C

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, SCIENCE
HEAD
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"TO OPERATE AN INTEGRATOR CIRCUIT USING IC741"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

RAJATH N GOWDA

1SG18EE062

Under the Guidance of

PADMAVATHI C

Assistant Professor

Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON


**CONSTRUCT TRANSISTOR SWITCH CIRCUIT TO
OPERATE A RELAY TO SWITCH ON/OFF AN LED**



II Semester
Electrical and Electronic Engineering
For the academic year 2018-19

Submitted by
Mr. RAKESH N (1SG18EE063)

Under the guidance of
Mrs. PADMAVATHI
Assistant professor
Department of ECE, SCE


Dr. B.S. KRISHNA

Sapthagiri College of Engineering
BENGALURU - 560 057.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

▪ **BASIC ELECTRONICS**
(18ELN24)

PROJECT REPORT ON

“BRIDGE RECTIFIER”



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

1SG18EE065

Roopashree,S

Under the guidance of

Mrs. Padmavathi

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

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

Dr. B.S. KRISHNA

Sapthagiri College of Engineering
BENGALURU-560 057

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

**"TO SWITCH ON/OFF AN LED USING A DIODE IN
FORWARD/REVERSE BIAS USING A BATTERY CELL"**



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

MOHITH GOWDA S.G

1SG18EE066

Padma C

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON

**+5V POWER SUPPLY UNIT USING BRIDGE RECTIFIER
,CAPACITOR FILTER AND IC 7805**



II Semester
Electrical and Electronic Engineering
For the academic year 2018-19

Submitted by

1SG18EE067

S.Sahana

Under the guidance of

Mrs. Padmavathi

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTROINC ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-530 057

Dr. B. S. KRISHNA

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
INVERTING AND NON - INVERTING
SUMMING AMPLIFIER



II SEMESTER
Electronics and Communication Engineering
For the academic year 2018-19

Submitted by

SAHANA H UCHIL
(1SG18EE068)

Under the guidance of

PADMAVATHI

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5 Chikkasandra, Hesaraghatta main road, Bangalore-560057

Principal

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

Dr. B.S. KRISHNA

Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
Bangalore-560 057

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

TO OPERATE THE LOUDSPEAKER USING IC555



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

SAMYAMA.S

1SG18EE070

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Principal

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

Dr. B.S. KRISHNA
Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON

"TO OPERATE THE LOUDSPEAKER USING 1C555"



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

Mr. SANDEEP K [1SG18EE071]

Under the guidance of

Mrs. PADMAVATHI

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Principal

Dr. B.S. KRISHNA

Professor

Department of ECE, SCE

DEPARTMENT OF ECE, SCE

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

Sapthagiri College of Engineering
BENGALURU - 560 057.

EXPERIMENT TO OPERATE LOUDSPEAKER USING IC555 TIMER

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To switch ON and OFF a LED using a diode”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

SATHISH D G

1SG18EE073

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering



Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

2018-19


Principal
Sapthagiri College of Engineering
Chikkasandra Main Road,
Bengaluru-560 057

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

“To switch ON and OFF a LED using a diode ”



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

SATHISH N B

1SG18EE074

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering

[Signature]
Dr. S. S. PRISHNA

Sapthagiri College of Engineering
BENGALURU - 560 057.

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
TO OPERATE LOUDSPEAKER USING IC555 TIMER



II SEMESTER
Electronics and Communication Engineering
For the academic year 2018-19

Submitted by

SHARATH Y V

(1SG18EE075)

Under the guidance of

Mrs.PADMAVATHI

Assistant professor

Department of EEE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5 Chikkasandra, Hesaraghatta main road, Bangalore-560057

Principal

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

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BANGALURU - 560 057.

• **BASIC ELECTRONICS**
(18ELN24)

PROJECT REPORT ON

“BRIDGE RECTIFIER”



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

1SG18EE076

Sinchana R

Under the guidance of

Mrs. Padmavathi

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Principal

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

Dr. B.S. KRISHNA
Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560057

• BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
“BRIDGE RECTIFIER”



II Semester
Electrical and Electronic Engineering
For the academic year 2018-19

Submitted by

1SG18EE077

Sindhu.N

Under the guidance of
Mrs. Padmavathi
Assistant professor
Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING
SAPTHAGIRI COLLEGE OF ENGINEERING
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560057

Padma C

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

[Signature]
Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
560 057

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

RELAY SWITCH USING TRANSISTOR



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

SNEHA V

1SG18EE078

Under the Guidance of

PADMAVATHI


Assistant Professor


Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057


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


Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057

BASIC ELECTRONICS
(18ELN24)
PROJECT REPORT ON
INVERTING AND NON - INVERTING
SUMMING AMPLIFIER



II SEMESTER
Electronics and Communication Engineering
For the academic year 2018-19

Submitted by

SNEHA P R

(~~ISG18EE079~~)

Under the guidance of

PADMAVATHI

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5 Chikkasandra, Hesaraghatta main road, Bangalore-560057

Principal

Principal

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

Dr. B.S. KRISHNA

Sapthagiri College of Engineering
BANGALORE-560 057.

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

RELAY SWITCH USING TRANSISTOR



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

SOWMYA L

1SG18EE080

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Perth...

13

Principal

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

[Signature]

Dr. B.S. KRISHNA

Dr. B.S. KRISHNA
Sapthagiri College of Engineering
BANGALURU-560 057

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

TO OPERATE THE LOUDSPEAKER USING IC555



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

SPOORTHI .N

1SG18EE081

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Paul the c

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

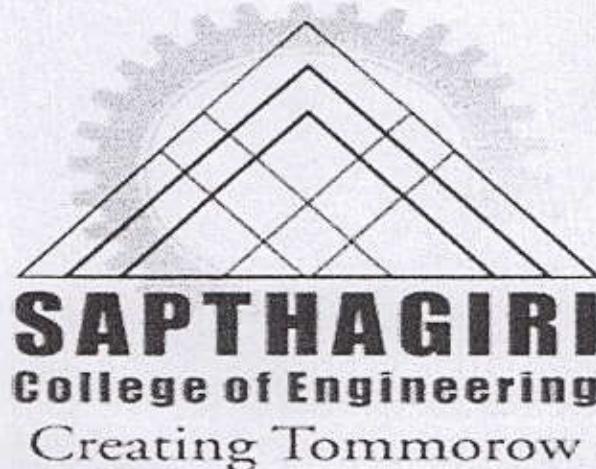
Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"TO OPERATE RC PHASE SHIFT OSCILLATOR USING Op-Amp (IC741)"



II Semester

Electrical and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr Sridhar B [1SG18EE082]

Under the Guidance of

PADMAVATHI C

Assistant Professor

Electronics and Communication Department

ELECTRICAL AND ELECTONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Paul the C

V.B.

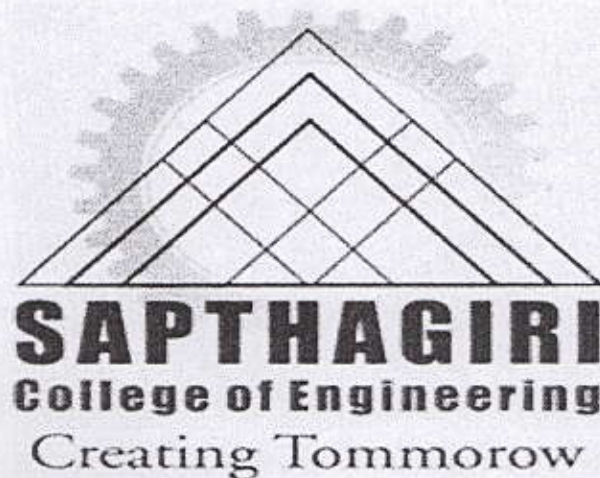
Dr. B.S. KRISHNA

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"TO OPERATE RC PHASE SHIFT OSCILLATOR USING Op-Amp (IC741)"



II Semester

Electrical and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr Srinivas Bhat [1SG18EE083]

Under the Guidance of

PADMAVATHI C

Assistant Professor

Electronics and Communication Department

ELECTRICAL AND ELECTONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Rajesh C

Principal

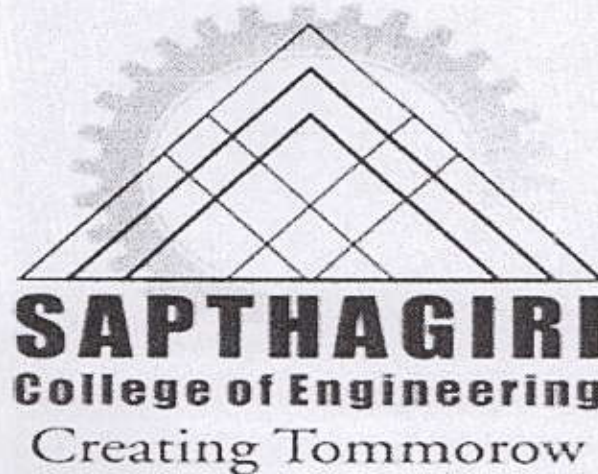
Dr. B.S. KRISHNA

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"TO OPERATE RC PHASE SHIFT OSCILLATOR USING Op-Amp (IC741)"



II Semester

Electrical and Electronics Engineering

For the academic year 2018-2019

Submitted by

Ms Srujana V Hugar [1SG18EE084]

Under the Guidance of

PADMAVATHI C

Assistant Professor

Electronics and Communication Department

ELECTRICAL AND ELECTONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Principal

Dr. P. KRISHNA

EXPERIMENT TO OPERATE LOUDSPEAKER USING IC555 TIMER

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"To operate the loudspeaker using IC555 Timer"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

SUMANTH S

1SG18EE086

Under the Guidance of

Padmavathi. C

Assistant Professor

Department of Electronics and Communication Engineering

Padmavathi C

Dr. B.S. KRISHNA

Professor & Head
Department of Chemistry

Sapthagiri College of Engineering
BENGALURU - 560 057

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Principal

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

EXPERIMENT TO OPERATE LOUDSPEAKER USING IC555 TIMER

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"To operate the loudspeaker using IC555 Timer"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

Sumanth J

U S N :1SG18EE087

under the guidance of

Padmavathi. C

Assistan Professor

Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

2018-19

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

Dr. B.S. KRISHN.
Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

TO OPERATE THE LOUDSPEAKER USING IC555



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

SUSHMITHA.G

1SG18EE088

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Principal

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

Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"TO OPERATE THE LOUDSPEAKER USING 1C555"



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

Mr. UJWAL P G [1SG18EE089]

Under the guidance of

Mrs. PADMAVATHI

Assistant professor

Department of ECE, SCE

Say
Dr. B.S. KRISHNA
Professor & Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Principal

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

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

RELAY SWITCH USING TRANSISTOR



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

UMADEVI.M

1SG18EE090

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Paul A. C.

B

Dr. B.S. KRISHNA

Dr. B.S. KRISHNA

Assistant Professor

Sapthagiri College of Engineering
BENGALURU - 560 057.

Principal

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

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

TO OPERATE THE LOUDSPEAKER USING IC555



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

VEENA .S

1SG18EE091

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bengaluru-560 057

Dr. B.S. KRISHNA
Head
Department of Chemistry
Sapthagiri College of Engineering
BENGALURU - 560 057.

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"To switch ON and OFF a LED using a diode"



II Semester

Electricals and Electronics Engineering

For the academic year 2018-2019

Submitted by

VISHWANATHREDDY R H

1SG18EE092

Under the Guidance of

PADMAVATHI

Assistant Professor

Department of Electronics and Communication Engineering

[Signature]
Dr. B.S. KRISHNA

Sapthagiri College of Engineering
Bengaluru-560 057

ELECTRICALS AND ELECTRONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

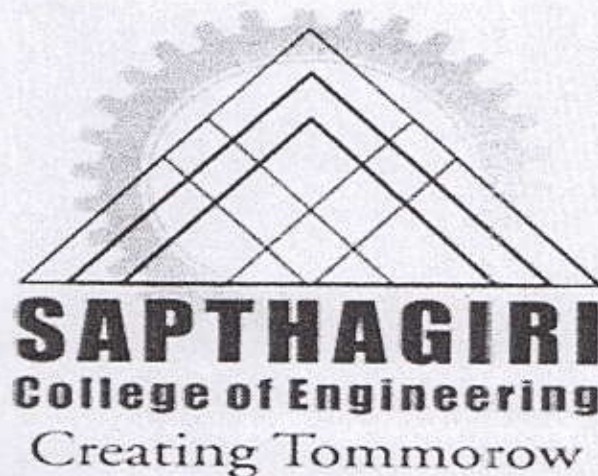
14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"TO OPERATE RC PHASE SHIFT OSCILLATOR USING Op-Amp (IC741)"



II Semester

Electrical and Electronics Engineering

For the academic year 2018-2019

Submitted by

Mr Yashwanth R [1SG18EE093]

Under the Guidance of

PADMAVATHI C

Assistant Professor

Electronics and Communication Department

ELECTRICAL AND ELECTONICS ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

14/15, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

Dr. B.S. KRISHNA

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bengaluru-560057

Dr. B.S. KRISHNA

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

"To operate the loudspeaker using IC555 Timer"



II Semester

Electrical and Electronic Engineering

For the academic year 2018-19

Submitted by

YOGANARASIMHA DL

1SG18EE094

Under the guidance of

Mrs. PADMAVATHI

Assistant professor

Department of ECE, SCE

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Principal

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

DR. KRISHNA

Sapthagiri College of Engineering
BENGALURU - 560 057.