

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

### 1.List of students undertaken project for 1<sup>st</sup> year program wise

Sl. No	Programme name	Program Code	List of students undertaken project
1	Information Science Engineering	IS	Aakash G Prasad
2	Information Science Engineering	IS	Aanchal P Jain
3	Information Science Engineering	IS	Abhigna A Bharadwaj
4	Information Science Engineering	IS	Abhishek Raj
5	Information Science Engineering	IS	Akshaya R
6	Information Science Engineering	IS	Amale Vedika Ravindra
7	Information Science Engineering	IS	Ananya A
8	Information Science Engineering	IS	Anjan Gowda.C
9	Information Science Engineering	IS	Anjana G Nadig
10	Information Science Engineering	IS	Ankith P Chikkur
11	Information Science Engineering	IS	Ankush L
12	Information Science Engineering	IS	Anmol Singh
13	Information Science Engineering	IS	Anshul Kumar
14	Information Science Engineering	IS	Anurag Mozumdar
15	Information Science Engineering	IS	Arjun B R
16	Information Science Engineering	IS	Arnav Raj
17	Information Science Engineering	IS	Ashmita S R
18	Information Science Engineering	IS	Ashray B G
19	Information Science Engineering	IS	Ayush Srivastav
20	Information Science Engineering	IS	Ayushman Srivastava
21	Information Science Engineering	IS	Bharat R
22	Information Science Engineering	IS	Bharath B
23	Information Science Engineering	IS	Bharath Gowda
24	Information Science Engineering	IS	Bhaskar Anand
25	Information Science Engineering	IS	Bhavana B
26	Information Science Engineering	IS	Bhupendra Chaturvedi
27	Information Science Engineering	IS	Bishak Dey
28	Information Science Engineering	IS	C G Gokul Krishna
29	Information Science Engineering	IS	Chandana .H.C
30	Information Science Engineering	IS	Darshini A
31	Information Science Engineering	IS	Deepika S
32	Information Science Engineering	IS	Divya S Madival
33	Information Science Engineering	IS	Drithi R
34	Information Science Engineering	IS	Girish L
35	Information Science Engineering	IS	Gouthami V Kulkarni
36	Information Science Engineering	IS	Harshitha P V
37	Information Science Engineering	IS	Aman Akash
38	Information Science Engineering	IS	Harshitha.R

Principal

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Sl. No	Programme name	Program Code	List of students undertaken project
39	Information Science Engineering	IS	Hemanth P T
40	Information Science Engineering	IS	Hemanth Kumar K
41	Information Science Engineering	IS	Hemanth V Mare
42	Information Science Engineering	IS	Hrithik R Kharvi
43	Information Science Engineering	IS	K B Geeta
44	Information Science Engineering	IS	K P Chandan
45	Information Science Engineering	IS	Kavya Bhat
46	Information Science Engineering	IS	Kousalya B T
47	Information Science Engineering	IS	Kumar Priyanshu
48	Information Science Engineering	IS	L Sandeep Reddy
49	Information Science Engineering	IS	Likhith.N
50	Information Science Engineering	IS	Likhith R
51	Information Science Engineering	IS	Likitha D J
52	Information Science Engineering	IS	Mahadevi N C
53	Information Science Engineering	IS	Mansi Singa
54	Information Science Engineering	IS	Meghana N
55	Information Science Engineering	IS	Meghashree D P
56	Information Science Engineering	IS	Minju A J
57	Information Science Engineering	IS	Mithun Kumar H R
58	Information Science Engineering	IS	Monika P
59	Information Science Engineering	IS	Nagashree. V.S M.
60	Information Science Engineering	IS	Nandana S Hegde
61	Information Science Engineering	IS	Nandhini N K
62	Information Science Engineering	IS	Nandini R
63	Information Science Engineering	IS	Navya Shree K S
64	Information Science Engineering	IS	Neeraj S
65	Information Science Engineering	IS	Neha M.P.
66	Information Science Engineering	IS	Nikhil Shetty
67	Information Science Engineering	IS	Nikitha B K
68	Information Science Engineering	IS	Nilesh K H
69	Information Science Engineering	IS	Niranjan J Wadekar
70	Information Science Engineering	IS	Nithin Kumar M
71	Information Science Engineering	IS	Paul S.A
72	Information Science Engineering	IS	Pavithra M B
73	Information Science Engineering	IS	Poornima J
74	Information Science Engineering	IS	Prajwal C Patil
75	Information Science Engineering	IS	Prajwal.N
76	Information Science Engineering	IS	Prakhar Srivastava
77	Information Science Engineering	IS	Prateek Kumar Singa
78	Information Science Engineering	IS	Prem Kumar R

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Sl. No	Programme name	Program Code	List of students undertaken project
79	Information Science Engineering	IS	Priyank Singh
80	Information Science Engineering	IS	Priyanka. O.
81	Information Science Engineering	IS	Rahul M
82	Information Science Engineering	IS	Ramyashree Jogi
83	Information Science Engineering	IS	Roshan R Anegundi
84	Information Science Engineering	IS	S Kalifullah Dhameem Ansari
85	Information Science Engineering	IS	Sadvi H D
86	Information Science Engineering	IS	Sahana A
87	Information Science Engineering	IS	Sameer M Sharma
88	Information Science Engineering	IS	Sanjana M
89	Information Science Engineering	IS	Satyam Patidar
90	Information Science Engineering	IS	S Sharan
91	Information Science Engineering	IS	Sharanya Madhusudhan
92	Information Science Engineering	IS	Sharath K R
93	Information Science Engineering	IS	Sharma Mayank
94	Information Science Engineering	IS	Shashwat Seth
95	Information Science Engineering	IS	Shetty Diksha Devdas
96	Information Science Engineering	IS	Shivam Kumar
97	Information Science Engineering	IS	Shreya
98	Information Science Engineering	IS	Shreyas M Kaushik
99	Information Science Engineering	IS	Shridhar Yaligar
100	Information Science Engineering	IS	Sneha M
101	Information Science Engineering	IS	Sowmya C
102	Information Science Engineering	IS	Sparsha M N
103	Information Science Engineering	IS	Spurthi V
104	Information Science Engineering	IS	Sri Varshini K S
105	Information Science Engineering	IS	Srusti.R
106	Information Science Engineering	IS	Suhana S
107	Information Science Engineering	IS	Sujan Ravindra
108	Information Science Engineering	IS	Sushmitha C
109	Information Science Engineering	IS	Sushmitha .U.
110	Information Science Engineering	IS	Swetha S
111	Information Science Engineering	IS	Tanu Raghav
112	Information Science Engineering	IS	Teja Kumer G
113	Information Science Engineering	IS	Tejesh B S
114	Information Science Engineering	IS	Uday Pratap
115	Information Science Engineering	IS	Utkarsh Singh
116	Information Science Engineering	IS	Vanshika Singh
117	Information Science Engineering	IS	S N Vasudha
118	Information Science Engineering	IS	Vatsal Anand



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Sl. No	Programme name	Program Code	List of students undertaken project
119	Information Science Engineering	IS	Vivek Singh Kusurwaha
120	Information Science Engineering	IS	Yashas S B
121	Information Science Engineering	IS	Yashaswini.P

  
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SMS 31/5

Designing of +5 power supply

**BASIC ELECTRONICS  
(18ELN14)  
PROJECT REPORT ON**

**“Design a DC power supply unit of +5V using bridge rectifier.”**



*2nd Semester*

*For the academic year 2018-19*

*Submitted by*

**Mr. Aakash G Prasad [1SG18IS001]**

Under the guidance of

**Mrs. Sangeetha**

**Assistant professor**

**Department of E&CE, SCE**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
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NS 31/5

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“To switch on/off a Led using a Diode in forward/reverse bias using a battery cell”**



**II Semester**

**Information Science Engineering**

*For the academic year 2018-2019*

*Submitted by*

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**15G18IS002**

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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**  
**“To operate the loudspeaker using IC555 Timer”**



*II Semester*

**Information Science Engineering**

*For the academic year 2018-2019*

*Submitted by*

**Ms. ABHIGNA A BHARADWAJ**

**1SG18IS003**

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SK 31/5

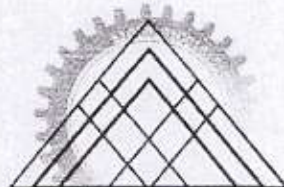
Experiment to operate speaker using IC555 timer

**BASIC ELECTRONICS**

**(18ELN14)**

**PROJECT REPORT ON**

**"TO OPERATE A SMALL LOUD SPEAKER BY GENERATING OSCILLATIONS USING IC555  
TIMER"**



**SAPTHAGIRI**  
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Creating Tomorrow

*II Semester*

**Information Science Engineering**

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**BASIC ELECTRONICS**

**(18ELN24)**

**PROJECT REPORT ON**

**“To operate the loudspeaker using IC555 Timer”**



*II Semester*

**Information Science Engineering**

*For the academic year 2018-2019*

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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**  
**“To operate the loudspeaker using IC555 Timer”**



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CWS 21/8

Experiment to operate speaker using IC555 timer

**BASIC ELECTRONICS**

**(18ELN14)**

**PROJECT REPORT ON**

**"TO OPERATE A SMALL LOUD SPEAKER BY GENERATING OSCILLATIONS USING IC555  
TIMER"**



*II Semester*

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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“To operate the loudspeaker using IC555 Timer”**



*II Semester*

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*For the academic year 2018-2019*

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**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

**"Design a DC power supply unit of +5V using bridge rectifier"**



*2nd semester*

*For the academic year 2018-19*

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**AIM:** To design a DC power supply unit of +5V using bridge rectifier.

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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“To Switch on/off LED using a diode in forward and reverse bias using battery”**



*II Semester*

**Information Science Engineering**

*For the academic year 2018-2019*

*Submitted by*

**Ms. ANJANA.G.NADIG [1SG18IS010]**

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31/5

TO CONSTRUCT AN IC INTEGRATOR CIRCUIT USING IC741

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**  
**“TO CONSTRUCT AN INTEGRATOR CIRCUIT USING**  
**IC741”**



*II Semester*

**Information Science Engineering**

*For the academic year 2018-2019*

*Submitted by*

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**Principal**  
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8/15 3/15

AIM: To switch on/off an LED using a diode in forward/reverse bias using a battery cell.

**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**  
**Information Science & Engineering**  
*For the academic year 2018-19*

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SVS 21/5

**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**  
**"IC741 INTEGRATOR CIRCUIT"**



*II Semester*

**Electronics and Communication Engineering**

*For the academic year 2018-2019*

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Bangalore-560 057

**BASIC ELECTRONICS**  
(18ELN14)  
**PROJECT REPORT ON**

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



*I Semester*

**Electronics and Communication Engineering**

*For the academic year 2018-19*

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**BASIC ELECTRONICS**  
(18ELN14)  
**PROJECT REPORT ON**

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



*I Semester*

**Electronics and Communication Engineering**

*For the academic year 2018-19*

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**Anurag Mozumdar (1SG18IS015)**

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WS 31/5

TO CONSTRUCT AN IC INTEGRATOR CIRCUIT USING IC741

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**  
**“TO CONSTRUCT AN INTEGRATOR CIRCUIT USING**  
**IC741”**



*II Semester*

**Information Science Engineering**

*For the academic year 2018-2019*

*Submitted by*

**Arjun B.R[1SG18IS016]**

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**BASIC ELECTRONICS**

**(18ELN24)**

**PROJECT REPORT ON**

**“TO CONSTRUCT AN INTEGRATOR CIRCUIT USING  
IC741”**



*II Semester*

**Information Science Engineering**

*For the academic year 2018-2019*

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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“To Switch on/off LED using a diode in forward and reverse bias using battery”**



*II Semester*

**Information Science Engineering**

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SKS 31/5

AIM: To switch on/off an LED using a diode in forward/reverse bias using a battery cell.

**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*  
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**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

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



*1 Semester*

**Electronics and Communication Engineering**  
*For the academic year 2018-19*

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**BASIC ELECTRONICS**

**(18ELN24)**

**PROJECT REPORT ON**

**“To switch on/off a Led using a Diode in forward/reverse bias using a battery cell”**



**II Semester**

**Information Science Engineering**

*For the academic year 2018-2019*

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**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

**"Aim of the experiment: To switch on/off an LED using a diode in forward/reverse bias using a battery cell."**



**II Semester**  
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**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

**"Aim of the experiment: To switch on/off an LED using a diode in forward/reverse bias using a battery cell."**



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**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

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



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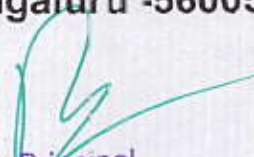
  
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**BASIC ELECTRONICS**

**(18ELN24)**

**PROJECT REPORT ON**

**“To operate the loudspeaker using IC555 Timer”**



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8/11/15

Experiment to operate speaker using IC555 timer

**BASIC ELECTRONICS**

**(18ELN14)**

**PROJECT REPORT ON**

**"TO OPERATE A SMALL LOUD SPEAKER BY GENERATING OSCILLATIONS USING IC555  
TIMER"**



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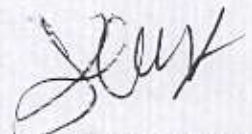
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ANS 31/5

# BASIC ELECTRONICS

(18ELN24)

## PROJECT REPORT ON

“To switch on/off a Led using a Diode in forward/reverse bias using a battery cell”



**II Semester**

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*For the academic year 2018-2019*

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**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

**"Aim of the experiment: To switch on/off an LED using a diode in forward/reverse bias using a battery cell."**



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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**  
**“To operate an integrator circuit using IC741”**



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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“To operate the loudspeaker using IC555 Timer”**



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**BASIC ELECTRONICS**

**(18ELN24)**

**PROJECT REPORT ON**

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**BASIC ELECTRONICS**  
(18ELN24)

**PROJECT REPORT ON**

**“To operate the loudspeaker using IC555 Timer”**



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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“To operate the loudspeaker using IC555 Timer”**



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**BASIC ELECTRONICS**

**(18ELN24)**

**PROJECT REPORT ON**

**“To switch on/off a Led using a Diode in forward/reverse bias using a battery cell”**



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SVS 31/5

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**  
**“To operate the loudspeaker using IC555 Timer”**



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**BASIC ELECTRONICS**

**(18ELN24)**

**PROJECT REPORT ON**

**“To operate the loudspeaker using IC555 Timer”**



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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“To Switch on/off LED using a diode in forward and reverse bias using battery”**



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8/15 31/5

Designing of +5 power supply

**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

**“Design a DC power supply unit of +5V using bridge rectifier.”**



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8/15  
31/5

**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

**“Design a DC power supply unit of +5V using bridge rectifier.”**



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SVS 31/5

AIM: To switch on/off an LED using a diode in forward/reverse bias using a battery cell.

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“To switch on/off an LED using a diode in forward/reverse bias using a battery cell ”**



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MS 81/5

TO CONSTRUCT AN IC INTEGRATOR CIRCUIT USING IC741

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**  
**“TO CONSTRUCT AN INTEGRATOR CIRCUIT USING**  
**IC741”**

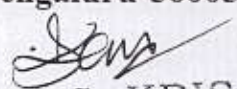


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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“To operate the loudspeaker using IC555 Timer”**



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8/11  
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**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

**“Design a DC power supply unit of +5V using bridge rectifier.”**



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**BASIC ELECTRONICS**  
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**PROJECT REPORT ON**  
"To operate an integrator circuit using IC741"



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**BASIC ELECTRONICS**

**(18ELN24)**

**PROJECT REPORT ON**

**“To operate an integrator circuit using IC741”**



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SVS 20/10

Experiment to operate speaker using IC555 timer

**BASIC ELECTRONICS**

**(18ELN14)**

**PROJECT REPORT ON**

**"TO OPERATE A SMALL LOUD SPEAKER BY GENERATING OSCILLATIONS USING IC555  
TIMER"**



*II Semester*

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TO CONSTRUCT AN IC INTEGRATOR CIRCUIT USING IC741

**BASIC ELECTRONICS**

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**PROJECT REPORT ON**

**“TO CONSTRUCT AN INTEGRATOR CIRCUIT USING IC741”**



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WS 21/5

AIM: To switch on/off an LED using a diode in forward/reverse bias using a battery cell.

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“To switch on/off an LED using a diode in forward/reverse bias using a battery cell ”**



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**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

**"Aim of the experiment: To switch on/off an LED using a diode in forward/reverse bias using a battery cell."**



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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“To Switch on/off LED using a diode in forward and reverse bias using battery”**



*II Semester*

**Information Science Engineering**

*For the academic year 2018-2019*

*Submitted by*

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Under the Guidance of

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**BASIC ELECTRONICS**

**(18ELN24)**

**PROJECT REPORT ON**

**“To operate the loudspeaker using IC555 Timer”**



*II Semester*

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*For the academic year 2018-2019*

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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“To operate the loudspeaker using IC555 Timer”**



*II Semester*

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*For the academic year 2018-2019*

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**BASIC ELECTRONICS**

**(18ELN24)**

**PROJECT REPORT ON**

**“To operate an integrator circuit using IC741”**



*II Semester*

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*For the academic year 2018-2019*

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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“To operate an integrator circuit using IC741”**



*II Semester*

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2018-19

DEPARTMENT OF INFORMATION SCIENCE ENGINEERING

**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“To operate the loudspeaker using IC555 Timer”**



*II Semester*

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*For the academic year 2018-2019*

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**BASIC ELECTRONICS  
(18ELN14)  
PROJECT REPORT ON**

**"Design a DC power supply unit of +5V using bridge rectifier"**



*2nd semester  
For the academic year 2018-19*

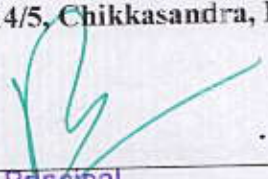
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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**  
**“To operate the loudspeaker using IC555 Timer”**



*II Semester*  
**Information Science Engineering**  
*For the academic year 2018-2019*

*Submitted by*

**MONIKA.P**

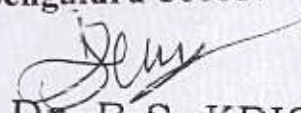
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**DR. B.S. KRISHNA**

**BASIC ELECTRONICS**

**(18ELN24)**

**PROJECT REPORT ON**

**“To operate the loudspeaker using IC555 Timer”**



*II Semester*

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*For the academic year 2018-2019*

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8/5 31/5

**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

**“Design a DC power supply unit of +5V using bridge rectifier.”**



*2nd Semester*

**Department of Information science**

*For the academic year 2018-19*

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10  
10  
Shilpa V.  
6/6/19

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“Designing of integrator circuit using IC741 Op Amp”**




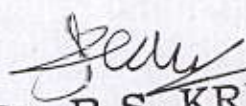
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**Information Science and Engineering**  
*For the academic year 2018-19*

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10

Shilpa V.  
6/6/19.

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“Designing of integrator circuit using IC741 Op Amp”**




*II Semester*  
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*For the academic year 2018-19*

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BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

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

10/10

Shilpa  
6/6/19



II SEMESTER

INFORMATION SCIENCE ENGINEERING

For the academic year 2018-19

Submitted by

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Department of Chemistry Page 1  
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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

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10  
Shilpa V.  
6/6/19

**“To operate the loudspeaker using IC555 Timer ”**



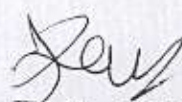
*II Semester*  
**Information Science Engineering**  
*For the academic year 2018-19*

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Sripavan  
1/6/19

**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**  
**Information Science And Engineering**  
**For The Academic Year 2018-19**

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10/2/19

Shilpa V.  
6/6/19

**BASIC ELECTRONICS  
(18ELN24)  
PROJECT REPORT ON**

**"Aim of the experiment: To switch on/off an LED using a diode in forward/reverse bias using a battery cell."**



**II SEMESTER  
INFORMATION SCIENCE AND ENGINEERING  
For the academic year 2018-2019**

*Submitted by*

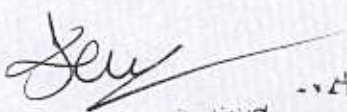
**Mr. NIKHIL SHETTY**

**ISG18IS069**

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10  
S. S. S.  
16/19

**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**  
**Information Science And Engineering**  
**For The Academic Year 2018-19**

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Shilpa V.

6/6/19

**BASIC ELECTRONICS**  
(18ELN14)  
**PROJECT REPORT ON**

**“Design a DC power supply unit of +5V using bridge rectifier.”**



*2nd Semester*

*For the academic year 2018-19*

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**AIM:** To design a DC power supply unit of +5V using bridge rectifier

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09  
10  
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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“IC 741 INTEGRATOR CIRCUIT”**



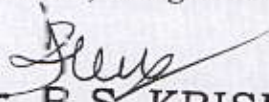
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109/110  
Shilpa  
6/6/19

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**  
**“IC 741 INTEGRATOR CIRCUIT”**



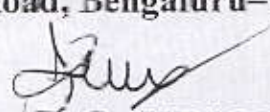
*II Semester*  
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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“IC 741 INTEGRATOR CIRCUIT”**



*II Semester*

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BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

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

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Shilpa  
6/6/19



II SEMESTER

INFORMATION SCIENCE ENGINEERING

For the academic year 2018-19

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10/10

Shilpa  
6/6/19

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

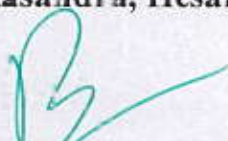
**“TRANSISTOR RELAY SWITCH CIRCUIT TO OPERATE A RELAY  
WHICH SWITCHES ON/OFF AN LED ”**

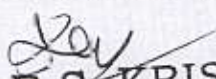


*II Semester*  
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*Submitted by*  
**Ms.POORNIMA.J**  
USN 1SG18IS076  
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10  
10  
Shilpa V.  
6/6/19.

**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

**“ Design a DC power supply unit of +5V using bridge rectifier ”**



*II Semester*

**Information Science Engineering**

*For the academic year 2018-19*

*Submitted by*

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Shilpa V  
6/6/19

**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

**“Design a DC power supply unit of +5V using bridge rectifier.”**



*2nd Semester*

*For the academic year 2018-19*

*Submitted by*

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**SAPTHAGIRI COLLEGE OF ENGINEERING**

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

**AIM:** To design a DC power supply unit of +5V using bridge rectifier.

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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

10/10

Shilpa V.  
26/6/19

**“To operate a loudspeaker by generating oscillation using IS555”**



**II Semester**

**Information Science Engineering**

*For the academic year 2018-2019*

*Submitted by*

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Under the guidance of

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10  
10  
Shilpa V  
3/6/19

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“To switch ON/OFF an LED using diode in forward and reverse bias using battery cell.”**




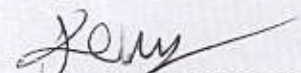
*II Semester*  
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*Submitted by*  
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10  
10  
Shilpa V.  
6/6/19

**BASIC ELECTRONICS**  
**(18ELN14)**  
**PROJECT REPORT ON**

**“Design a DC power supply unit of +5V using bridge rectifier.”**



*2nd Semester*

*For the academic year 2018-19*

*Submitted by*

**Mr. Prem Kumar R [1SG18IS081]**

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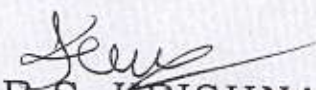
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

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

**AIM:** To design a DC power supply unit of +5V using bridge rectifier.

  
**Principal**

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**BASIC ELECTRONICS**  
(18ELN24)  
**PROJECT REPORT ON**

10  
10

Shilpa V.  
6/6/19

**“To construct transistor switch circuit to operate a relay to switch ON/OFF  
an LED”**



*II Semester*

**INFORMATION SCIENCE AND ENGINEERING**

*For the academic year 2018-2019*

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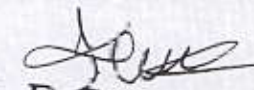
**DEPARTMENT OF INFORMATION SCIENCE AND  
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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

10/10

Shilpa  
6/6/19

**“TO OPERATE A SMALL LOUDSPEAKER BY  
GENERATING OSCILLATION USING IC555”**



II<sup>nd</sup> Semester

**Information science Engineering**  
*For the academic year 2018-19*

*Submitted by*

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2018-19

DEPARTMENT OF INFORMATION SCIENCE ENGINEERING

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10/10  
Shilpa V.  
6/6/19

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“TRANSISTOR SWITCH CIRCUIT TO OPERATE A RELAY WHICH SWITCHES OFF/ON AN LED ”**



*II Semester*  
**Information Science Engineering**  
*For the academic year 2018-19*


*Submitted by*  
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**1SG18IS084**

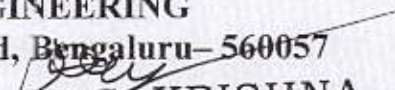
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**BASIC ELECTRONICS**

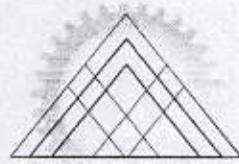
**(18ELN24)**

**PROJECT REPORT ON**

**“TO OPERATE A SMALL LOUDSPEAKER BY  
GENERATING OSCILLATION USING IC555”**



*Shilpa V.*  
*4/6/19.*



**SAPTHAGIRI**  
College of Engineering  
Creating Tomorrow

II<sup>nd</sup> Semester

**Information science Engineering**

*For the academic year 2018-19*

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2018-19

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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

10/10  
Shilpa V.  
4/6/19.

“To switch on/off an LED using a Diode in forward/reverse bias using a battery cell”



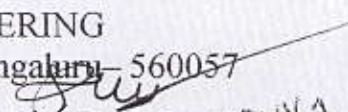
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**For The Academic Year 2018-19**

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Late  
Submission

08  
10

Shilpa V.  
10/06/19

**BASIC ELECTRONICS  
(18ELN24)  
PROJECT REPORT ON**

"Aim of the experiment: To switch on/off an LED using a diode in forward/reverse bias using a battery cell."



**II SEMISTER**

**INFORMATION SCIENCE AND ENGINEERING**

*For the academic year 2018-2019*

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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

10  
10  
Shilpa V  
4/6/19

**“TRANSISTOR SWITCH CIRCUIT TO OPERATE A RELAY WHICH SWITCHES OFF/ON AN LED ”**



*II Semester*  
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*For the academic year 2018-2019*

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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

10/10  
Shilpa V.  
4/6/19.


**“TRANSISTOR SWITCH CIRCUIT TO OPERATE A RELAY WHICH SWITCHES OFF/ON AN LED ”**

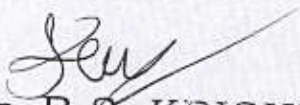


*II Semester*  
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*For the academic year 2018-2019*

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**BENGALURU - 560 057,**

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

10/10

Shilpa V.  
6/6/19

**“TRANSISTOR SWITCH CIRCUIT TO OPERATE A RELAY WHICH  
SWITCHES OFF/ON AN LED ”**




*II Semester*  
**Information Science and Engineering**  
*For the academic year 2018-2019*

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**BENGALURU - 560 057.**

10  
10  
Shilpa V.  
6/6/19

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“Designing of integrator circuit using IC741 Op Amp”**

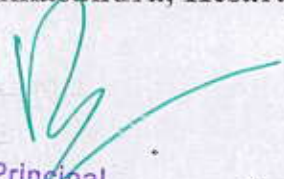


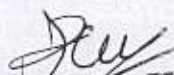
*II Semester*  
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*For the academic year 2018-19*

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**BASIC ELECTRONICS**  
(18ELN24)  
**PROJECT REPORT ON**

10  
10  
Shilpa V.  
16/6/19

**“To construct transistor switch circuit to operate a relay to switch ON/OFF an LED”**

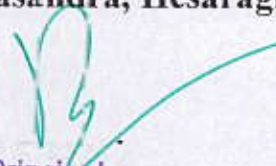



*II Semester*  
**INFORMATION SCIENCE AND ENGINEERING**  
*For the academic year 2018-2019*

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**SATYAM PATIDAR**  
1SG18IS092

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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

10  
10  
Shilpa V.  
4/6/19.

**“TRANSISTOR SWITCH CIRCUIT TO OPERATE A RELAY WHICH SWITCHES OFF/ON AN LED ”**



*II Semester*  
**Information Science and Engineering**  
*For the academic year 2018-2019*

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1SG18IS093  
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**Professor & Head**  
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**BENGALURU - 560 057.**

BASIC ELECTRONICS

(18ELN24)

PROJECT REPORT ON

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

10  
10

Shilpa.V.  
6/6/19



II SEMESTER

INFORMATION SCIENCE ENGINEERING

For the academic year 2018-19

Submitted by

Sharanya Madhusudhan (15G18IS094)

Under the guidance of

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B.S. KRISHNA

Professor & Head

Department of Chemistry Page 1  
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10/10  
Shilpa V.  
6/8/19.

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“TRANSISTOR SWITCH CIRCUIT TO OPERATE A RELAY WHICH SWITCHES OFF/ON AN LED ”**




*II Semester*  
**Information Science Engineering**  
*For the academic year 2018-19*

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**BENGALURU - 560 057.**



10  
10  
Shilpa V.  
3/6/19

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“To switch ON/OFF an LED using diode in forward and reverse bias using battery cell.”**



*II Semester*  
**INFORMATION SCIENCE AND ENGINEERING**  
*For the academic year 2018-2019*

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**1SG18IS096**

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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

10/10  
Shilpa V.  
6/6/19

**“To operate a loudspeaker by generating oscillation using IS555”**



**II Semester**  
**Information Science Engineering**  
*For the academic year 2018-2019*

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**BENGALURU - 560 057.**

**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“Design a DC power supply unit of +5V using bridge rectifier”**

OSH-01  
10  
Shilpa  
6/6/19



*II Semester*

**Information Science Engineering**

*For the academic year 2018-2019*

*Submitted by*

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Under the Guidance of

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**BASIC ELECTRONICS**  
(18ELN24)  
**PROJECT REPORT ON**

10  
10

Shilpa V.  
6/6/19

“To construct transistor switch circuit to operate a relay to switch ON/OFF an LED”



*II Semester*

**INFORMATION SCIENCE AND ENGINEERING**

*For the academic year 2018-2019*

*Submitted by*

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**1SG18IS099**

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**BASIC ELECTRONICS**  
(18ELN24)  
**PROJECT REPORT ON**

10/10  
S. Karan.  
6/6/19

**“To design a IC 741 Integrator Circuit”**



*II Semester*

**INFORMATION SCIENCE AND ENGINEERING**

*For the academic year 2018-2019*

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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

10/10  
Shilpa V.  
4/6/19.

**“To Operate A Loud Speaker by Generating Oscillations  
Using IC 555 Timer”**



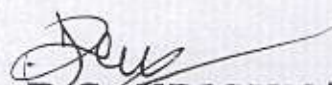
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TRONICS

**BASIC ELECTRONICS**  
(18ELN24)  
**PROJECT REPORT ON**

**"To operate the loudspeaker using IC555 Timer "**

10  
10  
Shilpa  
6/6/19



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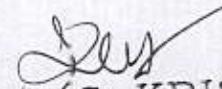
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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“Design a DC power supply unit of +5V using bridge rectifier”**

08  
10  
Shilpa  
6/6/19



*II Semester*

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6/10  
Shilpa  
6/6/19

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“TRANSISTOR RELAY SWITCH CIRCUIT TO OPERATE A RELAY WHICH SWITCHES ON/OFF AN LED ”**



*II Semester*

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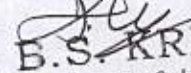
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10/10

Shilpa V.  
6/6/19

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“To design a IC 741 Integrator Circuit”**



*II Semester*  
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**BASIC ELECTRONICS**  
(18ELN24)  
**PROJECT REPORT ON**

10/10  
Shilpa V  
4/6/19.

**“TRANSISTOR SWITCH CIRCUIT TO OPERATE A RELAY WHICH SWITCHES OFF/ON AN LED ”**



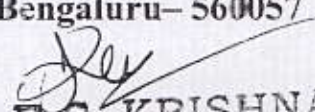
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late submission

09  
10

Shilpa V  
12/6/11

**BASIC ELECTRONICS**  
(18ELN24)  
**PROJECT REPORT ON**

**“Designing of integrator circuit using IC741 Op Amp”**



*II Semester*

**Information Science and Engineering**  
*For the academic year 2018-19*

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10/10  
Shilpa V.  
4/6/19.

**BASIC ELECTRONICS**  
(18ELN24)  
**PROJECT REPORT ON**

**“TRANSISTOR SWITCH CIRCUIT TO OPERATE A RELAY WHICH SWITCHES OFF/ON AN LED ”**



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10/10

Shilpa V.

4/6/19

**BASIC ELECTRONICS  
(18ELN24)**

**PROJECT REPORT ON**

**“IC 741 INTEGRATOR CIRCUIT”**



*II Semester*

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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

10/10

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6/6/19.

**“IC 741 INTEGRATOR CIRCUIT”**



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10  
Shilpa v.  
4/6/19

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“IC 741 INTEGRATOR CIRCUIT”**



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4/6/19.

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“TRANSISTOR SWITCH CIRCUIT TO OPERATE A RELAY WHICH SWITCHES OFF/ON AN LED ”**



*II Semester*  
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10/10  
Shilpa V  
6/6/19

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“TRANSISTOR RELAY SWITCH CIRCUIT TO OPERATE A RELAY  
WHICH SWITCHES ON/OFF AN LED ”**



*II Semester*  
**INFORMATON SCIENCE Engineering**  
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10/10

Shilpa V.  
6/5/19.

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

**“To design a +5V DC power supply using bridge wave rectifier, capacitor filter and IC7805”**



*II Semester*  
**INFORMATION SCIENCE AND ENGINEERING**  
*For the academic year 2018-2019*


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BASIC ELECTRONICS  
(18ELN24)  
PROJECT REPORT ON

09/10

Shilpa  
6/6/19

"Aim of the experiment: To switch on/off an LED using a diode in forward/reverse bias using a battery cell."



II SEMESTER

INFORMATION SCIENCE AND ENGINEERING

For the academic year 2018-2019

Submitted by

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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“Design a DC power supply unit of +5V using bridge rectifier”**

08/10

Shilpa  
6/6/19



*II Semester*

**Information Science Engineering**

*For the academic year 2018-2019*

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10/10  
Shilpa V.  
4/6/19

**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

“To switch on/off an LED using a Diode in forward/reverse bias using a battery cell”



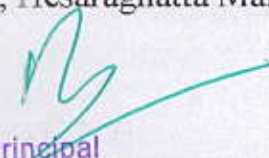
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**Information Science And Engineering**  
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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“To construct transistor switch circuit to operate a relay to switch ON/OFF an LED”**

10/10  
Shilpa V.  
6/6/19.



*II Semester*

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TRONICS

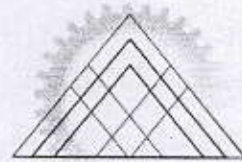
# BASIC ELECTRONICS

(18ELN24)

## PROJECT REPORT ON

**“TO OPERATE A SMALL LOUDSPEKER BY  
GENERATING OSICALLATION USING IC555”**

10  
10  
Shilpa V.  
4/6/19.



**SAPTHAGIRI**  
College of Engineering  
Creating Tommorrow

II<sup>nd</sup> Semester

**Information science Engineering**

*For the academic year 2018-19*

*Submitted by*

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USN: 1SG18IS119

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2018-19

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**BASIC ELECTRONICS**  
(18ELN24)  
**PROJECT REPORT ON**

10  
10

Shilpa  
6/6/19

**“To construct transistor switch circuit to operate a relay to switch ON/OFF an LED”**



*II Semester*

**INFORMATION SCIENCE AND ENGINEERING**

*For the academic year 2018-2019*

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**BASIC ELECTRONICS**  
(18ELN24)  
**PROJECT REPORT ON**

10/10  
Shilpa V.  
6/5/19.

**“To design a +5V DC power supply using bridge wave rectifier, capacitor filter and IC7805”**



*II Semester*  
**INFORMATION SCIENCE AND ENGINEERING**  
*For the academic year 2018-2019*

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**BASIC ELECTRONICS**

(18ELN24)

**PROJECT REPORT ON**

**“Design a DC power supply unit of +5V using bridge rectifier”**

08/10  
Shilpa V.  
6/6/19



*II Semester*

**Information Science Engineering**

*For the academic year 2018-2019*

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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

10/10  
Shilpa V.  
6/6/19

**“To operate a loudspeaker by generating oscillation using IS555”**



**II Semester**  
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10  
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Shilpa V  
3/6/19

**BASIC ELECTRONICS**  
(18ELN24)  
**PROJECT REPORT ON**

“To switch ON/OFF an LED using diode in forward and reverse bias using battery cell.”



*II Semester*  
**INFORMATION SCIENCE AND ENGINEERING**  
*For the academic year 2018-2019*

*Submitted by*  
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1SG18IS124

Under the guidance of  
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**BASIC ELECTRONICS**  
**(18ELN24)**  
**PROJECT REPORT ON**

10/10

Shilpa V.  
4/6/19.

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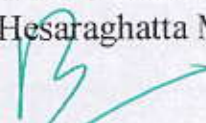


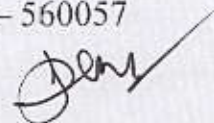
**II Semester**  
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**For The Academic Year 2018-19**

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**(18ELN24)**  
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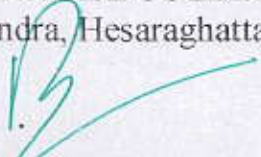
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