




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

LIST OF BATCHES FOR MINI PROJECT -3B SECTION - 2021-22

| BATCH NO | USN        | STUDENT NAME   | MINI PROJECT TITLE              |
|----------|------------|----------------|---------------------------------|
| 1        | 1SG20EC114 | VARUN C        | Door Alram Using Scr            |
|          | 1SG20EC087 | S SUHAS        |                                 |
|          | 1SG20EC115 | VARUN N V      |                                 |
|          | 1SG20EC081 | PRAVEEN J K    |                                 |
| 2        | 1SG20EC071 | NANDASHREE.V   | Dark Sensor Circuit Using Ldr   |
|          | 1SG20EC082 | PRERANA C.K    |                                 |
|          | 1SG20EC105 | SUPRITHA.M     |                                 |
|          | 1SG20EC109 | TEJASHWINI.B   |                                 |
| 3        | 1SG20EC088 | SAHANA C       | Door Alarm Using Scr            |
|          | 1SG20EC091 | SAMPATH KUMAR  |                                 |
|          | 1SG20EC093 | SANKEERNA      |                                 |
|          | 1SG20EC099 | SRIDEVI M      |                                 |
| 4        | 1SG20EC062 | MAMTA S        | Mobile Phone Detector           |
|          | 1SG20EC086 | ROHINI D.K     |                                 |
|          | 1SG20EC096 | SHIVANI R      |                                 |
|          | 1SG20EC111 | UME HANEY S OL |                                 |
| 5        | 1SG20EC084 | RAKSHITHA A    | Automatic Night Light Using Ldr |
|          | 1SG20EC089 | SAHANA M       |                                 |
|          | 1SG20EC102 | SUJANA H A     |                                 |
|          | 1SG20EC122 | ZAIBA KHANUM   |                                 |
| 6        | 1SG20EC110 | THARUN KUMAR U | Voltage Multiplier              |
|          | 1SG20EC120 | VISHNU VAIBHAV |                                 |
|          | 1SG20EC121 | YUVARAJ S      |                                 |
|          | 1SG20EC100 | SRINIDHI JR    |                                 |
|          | 1SG20EC090 | SAHANA P       |                                 |

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

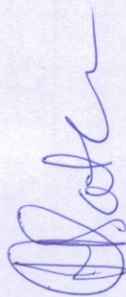


|    |            |                 |                                    |
|----|------------|-----------------|------------------------------------|
| 7  | 1SG20EC085 | RASHI GUPTA     | Flipflop Flasher Using Bc547       |
|    | 1SG20EC097 | SHREE KRISHNA   |                                    |
|    | 1SG20EC107 | SWAYAM SETHI    |                                    |
|    | 1SG20EC079 | PRAJWAL H T     |                                    |
| 8  | 1SG20EC064 | MANJUNATH M H A | Laser Light Security Alarm Sysetem |
|    | 1SG20EC108 | T RUDRESH       |                                    |
|    | 1SG20EC080 | PRAVALLIKA B K  |                                    |
|    | 1SG20EC098 | SINCHANA B      |                                    |
| 9  | 1SG20EC106 | SWATHI P        | Obstacle Detector                  |
|    | 1SG20EC112 | V SUMANTH       |                                    |
|    | 1SG20EC094 | SHASHANK BJ     |                                    |
|    | 1SG20EC116 | VARUN TEJA M    |                                    |
| 10 | 1SG20EC117 | VEERESH H       | Non-Contact Voltage Tester         |
|    | 1SG20EC119 | VISHAL KUMAR    |                                    |
|    | 1SG20EC063 | MANIKANTH GADI  |                                    |
|    | 1SG20EC074 | PAVAN G         |                                    |
| 11 | 1SG20EC077 | PRAJWAL G       | Pov Dispaly Using Arduino          |
|    | 1SG20EC104 | SUPRITH         |                                    |
|    | 1SG20EC066 | MANOJ YADAV K   |                                    |
|    | 1SG20EC101 | SUHAS K M       |                                    |
| 12 | 1SG20EC103 | SUJAY B K       | Fm Radio Transmitter               |
|    | 1SG20EC118 | VINOD C         |                                    |
|    | 1SG20EC065 | MANOJ G S       |                                    |
|    | 1SG20EC070 | MOHAN KUMAR C   |                                    |
| 13 | 1SG20EC078 | PRAJWAL G H     | Door Alarm Using Scr               |
|    | 1SG20EC083 | RAJESH H S      |                                    |
|    | 1SG20EC100 | SRINIDHI J R    |                                    |
|    | 1SG20EC110 | THARUN KUMAR U  |                                    |
| 14 | 1SG20EC120 | VISHNU VAIBHAV  | Voltage Multiplier                 |
|    | 1SG20EC121 | YUVARAJ S       |                                    |
|    | 1SG20EC061 | M S VIBHA       |                                    |

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|    |            |               |                       |
|----|------------|---------------|-----------------------|
| 15 | 1SG20EC072 | NAVEEN L N    | Music Rythm Led Light |
|    | 1SG20EC073 | NIKILESH K G  |                       |
|    | 1SG20EC075 | PAYAL YATI    |                       |
|    | 1SG20EC079 | PRAJWAL H T   |                       |
|    | 1SG20EC095 | SHASHANK SHEK |                       |
| 16 | 1SG20EC113 | VARSHITHA M   | Human Touch Detector  |
|    | 1SG20EC076 | MEGHA R B     |                       |

  
**HOD, ECE**

Head of the Department  
 Electronics & Communication  
 Sapthagiri College of Engineering  
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**Principal**  
 Sapthagiri College of Engineering  
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 Bangalore - 560 057



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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
BELAGAVI – 590 018

A Mini Project Report  
on  
**DOOR ALARM USING SCR**



By  
PRAVEEN JK 1SG20EC081  
S SUHAS 1SG20EC087  
VARUN C 1SG20EC114  
VARUN NV 1SG20EC115

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

under the guidance of

**SUMA V SHETTY**  
Assistant Professor,  
Dept. of ECE



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**Sapthagiri College of Engineering,**

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ISO 9001-2015 and 14001-2015 certified Institute

**Bengaluru, Karnataka 560057**

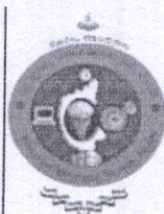
2021-2022



# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI - 590 018

## A Mini Project Report on **DARK SENSOR CIRCUIT**



By

Nandashree.V

1SG20EC071

Prerana C.K

1SG20EC082

Supritha.M

1SG20EC105

Tejashwini.B

1SG20EC109

*Submitted in partial fulfillment of requirement for the award of the degree of*  
**BACHELOR OF ENGINEERING**

in

**ELECTRONICS & COMMUNICATION ENGINEERING**

under the guidance of

**PREETHI.T.S**

ASSISTANT PROFESSOR



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Sapthagiri College of Engineering,**

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2021-2022



# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI - 590 018

A Mini Project Report  
on  
**SECURITY ALARM USING SCR**



By

|                 |            |
|-----------------|------------|
| SAHANA C        | 1SG20EC088 |
| SRIDEVI M       | 1SG20EC099 |
| SANKEERNA C     | 1SG20EC093 |
| SAMPATH KUMAR S | 1SG20EC091 |

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

under the guidance of

**SHILPA V**

Assistant professor,  
Dept. of EC&E



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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2021-2022



# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI – 590 018

## A Mini Project Report On MOBILE PHONE DETECTOR



By

|               |            |
|---------------|------------|
| MAMATHA S     | 1SG20EC062 |
| ROHINI D K    | 1SG20EC086 |
| SHIVANI R     | 1SG20EC096 |
| UME HANEY S O | 1SG20EC111 |

## BACHELOR OF ENGINEERING in ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of  
**PREETHI T S**  
ASSISTANT PROFESSOR



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## Sapthagiri College of Engineering,

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2021-2022



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
BELAGAVI – 590 018

A Mini Project Report  
on  
**AUTOMATIC NIGHT LIGHT USING LDR**



By

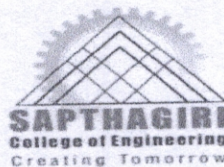
|                  |            |
|------------------|------------|
| RAKSHITHA.A      | 1SG20EC084 |
| SAHANA.M         | 1SG20EC089 |
| SUJANA.H.A.      | 1SG20EC102 |
| ZAIBA KHANUM.G.N | 1SG20EC122 |

*Submitted in partial fulfillment of requirement for the award of the degree of*  
**BACHELOR OF ENGINEERING**

in  
**ELECTRONICS & COMMUNICATION ENGINEERING**

under the guidance of

**Dr. SUDHA .M.S**  
Assistant Professor



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
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**2021-22**



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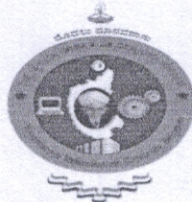
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

BELAGAVI – 590 018

A Mini Project Report

on

**VOLTAGE MULTIPLIER**



*by*

**YUVARAJ S**

**THARUN KUMAR U B**

**VISHNU VAIBHAV S**

**SRINIDHI J R**

**BACHELOR OF ENGINEERING**

in

**ELECTRONICS & COMMUNICATION ENGINEERING**

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**Dr. H C SATEESH KUMAR**

Professor and Head



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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
BELAGAVI – 590 018

A Mini Project Report  
on  
**FLIP FLOP FLASHER USING BC547**



|                      |                   |
|----------------------|-------------------|
| <b>SAHANA P</b>      | <b>1SG20EC090</b> |
| <b>RASHI GUPTA</b>   | <b>1SG20EC085</b> |
| <b>SHREE KRISHNA</b> | <b>1SG20EC097</b> |
| <b>SWAYAM SETHI</b>  | <b>1SG20EC107</b> |

*Submitted in partial fulfillment of requirement for the award of the degree of*

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

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**SUMA V SHETTY**  
Assistant professor,



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

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2021-2022



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

BELAGAVI – 590 018

A Mini Project Report  
on  
**LASER LIGHT SECURITY ALARM SYSTEM**



By

|               |            |
|---------------|------------|
| PRAJWAL.H.T   | 1SG20EC079 |
| MANJUNATH.M.H | 1SG20EC064 |
| RUDRESH       | 1SG20EC108 |

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

under the guidance of  
**PROF.SUMA.V.SHETTY**  
ASSISTANT PROFESSOR



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2021-2022

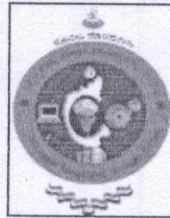


# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI – 590 018

9

## A Mini Project Report On OBSTACLE DETECTOR



By

PRAVALLIKA B K

USN: 1SG20EC080

SINCHANA B

USN: 1SG20EC098

SWATHI P

USN: 1SG20EC106

SUMANTH V

USN: 1SG20EC112

## BACHELOR OF ENGINEERING

in

## ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of

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Head of the dept, ECE



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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

BELAGAVI – 590 018

10

A Mini Project Report  
on  
**Non Contact Voltage Detector**

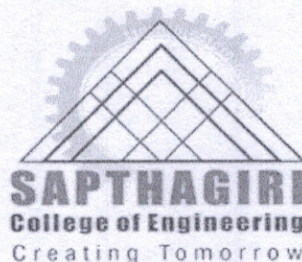


by

**SHASHANK BJ  
VEERESH H**

**VARUN TEJA M  
VISHAL KUMAR**

**BACHELOR OF ENGINEERING**  
in  
**ELECTRONICS & COMMUNICATION ENGINEERING**  
under the guidance of  
**Dr. H C SATEESH KUMAR**  
Professor and Head



**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
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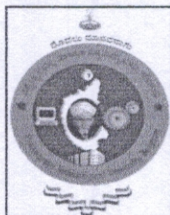
Bengaluru-560057



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VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAVI – 590 018

A Mini Project Report  
on  
**POV DISPLAY USING ARDUINO**



By

|               |            |
|---------------|------------|
| MANIKANTH M G | 1SG20EC063 |
| PAVAN G       | 1SG20EC074 |
| PRAJWAL G     | 1SG20EC077 |
| SUPRITH       | 1SG20EC104 |

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

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2021-2022



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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

BELAGAVI – 590 018

A Mini Project Report  
on  
**FM RADIO TRANSMITTER**



By

MANOJ YADAV K

SUHAS K M

SUJAY B K

VINOD C

*Submitted in partial fulfillment of requirement for the award of the degree of*

**BACHELOR OF ENGINEERING**  
In  
**ELECTRONICS & COMMUNICATION ENGINEERING**

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Professor & Head of the Department



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2020-2021



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

BELAGAVI – 590 018

A Mini Project Report on  
**SECURITY ALARM SYSTEM USING SCR**



By

MOHAN KUMAR C R  
PRAJWAL G H

RAJESH H S  
MANOJ G S

*Submitted in partial fulfillment of requirement for the ECE3<sup>rd</sup> Semester of*

**BACHELOR OF ENGINEERING**

In

**ELECTRONICS & COMMUNICATION ENGINEERING**

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
BELAGAVI – 590 018

15

A Mini Project Report  
on  
**MUSIC RHYTHM LED LIGHT**



By

|              |            |
|--------------|------------|
| M S VIBHA    | 1SG20EC061 |
| NIKILESH K G | 1SG20EC073 |
| NAVEEN L N   | 1SG20EC072 |
| PAYAL YATI   | 1SG20EC075 |

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

Under the guidance of  
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ASSISTANT PROFESSOR



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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2021-2022

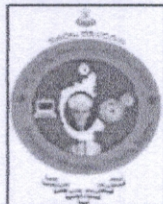
(i)



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

BELAGAVI – 590 018

A Mini Project Report  
on  
**HUMAN TOUCH DETECTOR**



By

|                 |            |
|-----------------|------------|
| VARSHITHA M     | 1SG20EC113 |
| MEGHA RB        | 1SG20EC076 |
| MISBA MOHAMADI  | 1SG20EC079 |
| SHASHANK SHEKAR | 1SG20EC095 |

**BACHELOR OF ENGINEERING**  
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ASSISTANT PROFESSOR



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2021-2022



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**LIST OF BATCHES FOR MINI PROJECT -3A SECTION - 2021-22**

| BATCH NO | USN        | STUDENT NAME       | MINI PROJECT TITLE                              |
|----------|------------|--------------------|---|
| 1        | 1SG20EC027 | DEEPIKA M          | FLIPFLOP LED FLASHER CIRCUIT                    |
|          | 1SG20EC031 | GAGANA YB          |   |
|          | 1SG20EC050 | KAVYA N K          |   |
|          | 1SG20EC057 | LIKITHA S          |   |
| 2        | 1SG20EC003 | ABHILASH G         | SINGLE 2N2222 NPN BJT LED FLASHER CIRCUIT       |
|          | 1SG20EC032 | GANASHREE L        |   |
|          | 1SG20EC038 | HARSHA VARDHAN N H |   |
|          | 1SG20EC039 | HARSHALA B         |   |
| 3        | 1SG20EC004 | ABHILASH RENU M Y  | FM TRANSMITTER                                  |
|          | 1SG20EC005 | ABHINAV A          |   |
|          | 1SG20EC023 | DARSHAN R          |   |
|          | 1SG20EC041 | HARSHITH R         |   |
| 4        | 1SG20EC007 | AKSHATHA R         | SOLAR FOUNTAIN                                  |
|          | 1SG20EC008 | AMRUTHA R          |   |
|          | 1SG20EC019 | CHANDANA K         |   |
|          | 1SG20EC052 | KEERTHANA S        |   |
| 5        | 1SG20EC050 | KAVYA N K          | FLIP FLOP LED BLINKING CIRCUIT USING TRANSISTOR |
|          | 1SG20EC057 | LIKITHA S          |   |
|          | 1SG20EC031 | GAGANA Y B         |   |

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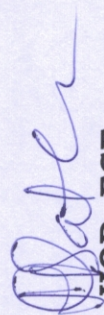


|    |            |                        |   |
|----|------------|------------------------|---|
|    | 1SG20EC027 | DEEPIKA M              | BC547   |
| 6  | 1SG20EC010 | ANUSHA C               | SIMPLE TOUCH SENSOR                             |
|    | 1SG20EC035 | GOWTHAM B P            |   |
|    | 1SG20EC046 | JEEVAN J               |   |
|    | 1SG20EC055 | LEKHAN GOWDA R         |   |
|    | 1SG20EC029 | DHARMIGA. C            |   |
| 7  | 1SG20EC048 | K. AYESHA BANU         | LIGHT SENSING SECURITY SYSTEM USING PHOTO DIODE |
|    | 1SG20EC020 | CHANDANA. S            |   |
|    | 1SG20EC053 | LAKSHMISHREE. C        |   |
|    | 1SG20EC021 | CHETAN SURESH YATNALLI |   |
| 8  | 1SG20EC022 | CHETHAN SANKER T       | FM RECEIVER                                     |
|    | 1SG20EC025 | DEEPAK R M             |   |
|    | 1SG20EC059 | LOKESH H A             |   |
|    | 1SG20EC016 | BHOOMIKA K             |   |
| 9  | 1SG20EC017 | CHANDAN B N            | AUTOMATIC NIGHT LIGHT SENSOR                    |
|    | 1SG20EC049 | KARAN S                |   |
|    | 1SG20EC056 | LIKHITH KUMAR TS       |   |
|    | 1SG20EC018 | CHANDAN R              |   |
| 10 | 1SG20EC043 | HARSHITHA M            | BASIC LOGIC GATES IC TESTER                     |
|    | 1SG20EC047 | JEEVITHA C             |   |
|    | 1SG20EC054 | LAXMI S SAJJAN         |   |
|    | 1SG20EC013 | ARPITHA M V            |   |
| 11 | 1SG20EC014 | ASHIKA A SHOLAPUR      | BINARY TO GRAY CODE CONVERSION                  |
|    | 1SG20EC002 | ABHIJITHKUMAR MAJI     |   |
| 12 | 1SG20EC037 | HARI PRASAD N          | AUTOMATIC AMPLIFIER                             |





|    |            |                 |  |
|----|------------|-----------------|--|
| 12 | 1SG20EC058 | LIKITH R        |  |
|    | 1SG20EC060 | M HEMANTH REDDY |  |
| 13 | 1SG20EC026 | DEEPASHREE R S  | RAIN WATER ALARM                               |
|    | 1SG20EC028 | DHARANI K H     |  |
|    | 1SG20EC051 | KEERTHANA R     |  |
|    | 1SG20EC006 | AISHWARYA K     |  |
| 14 | 1SG20EC024 | DEEKSHA V       | OOPS CONCEPT                                   |
|    | 1SG20EC036 | HAFSA TABASSUM  |  |
|    | 1SG20EC001 | AASHITHA C G    |  |
| 15 | 1SG20EC011 | ANUSHA L        | IMPLEMENTATION OF BOOTH ALGORITHM IN C PROGRAM |
|    | 1SG20EC030 | DHRUVITHA L     |  |
|    | 1SG20EC012 | APOORVA S       |  |
|    | 1SG20EC034 | GAUTHAMI N      |  |
| 16 | 1SG20EC042 | HARSHITHA K M   | STACK IMPLEMENTATION                           |
|    | 1SG20EC044 | HARSHITHA N     |  |

  
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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

BELAGAVI-590018

A Mini Project Report

On

**“FLIP FLOP LED FLASHER CIRCUIT”**



By

DEEPIKA M

KAVYANK

GAGANA Y B

LIKHITHA S

Submitted in partial fulfillment of requirement for the award of the  
degree of

**BACHELOR OF ENGINEERING**

in

**ELECTRONICS & COMMUNICATION ENGINEERING**

Under the guidance of

**Dr. Sudha M S**

**Assistant Professor**



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

BELAGAVI – 590 018

A Mini Project Report  
on  
**SINGLE 2N2222 NPN BJT LED FLASHER CIRCUIT**

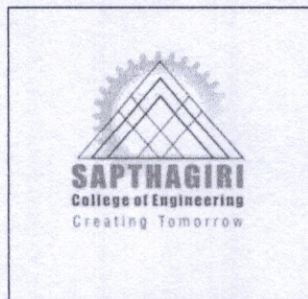


By  
HARSHA VARDHAN NH  
HARSHALA B  
GANASHREE L  
ABHILASH G

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

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**Bengaluru, Karnataka 560057**

2021-2022



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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

BELAGAVI – 590 018

A Mini Project Report  
on  
**FM TRANSMITTER**



By

ABHINAV A  
ABHILASH RENU MY

DARSHAN R  
HARSHITH R

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

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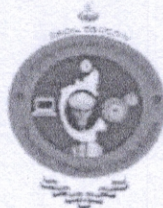
2021-22



20  
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

BELAGAVI – 590 018

A Mini Project Report  
on  
**SOLAR FOUNTAIN**



By

AKSHATHA R  
CHANDANA K

AMRUTHA R  
KEERTHANA S

*Submitted in partial fulfillment of requirement for the award of the degree of*

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2021-2022



# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI – 590 018

A Mini Project Report  
on  
**SIMPLE TOUCH SENSOR**



By

LEKHAN GOWDA R  
ANUSHA C

GOWTHAM B P  
JEEVAN J

*Submitted in partial fulfillment of requirement for the award of the degree of*

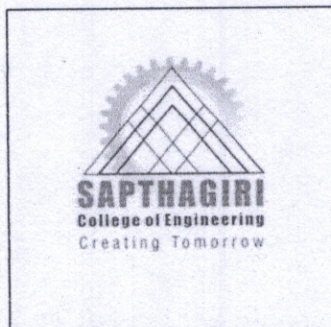
**BACHELOR OF ENGINEERING**

in

**ELECTRONICS & COMMUNICATION ENGINEERING**

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2021-2022



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
BELAGAVI – 590 018

A Mini Project Report  
on  
**LIGHT SENSING SECURITY SYSTEM USING  
PHOTODIODE**



By

|                |            |
|----------------|------------|
| CHANDANA.S     | 1SG20EC020 |
| DHARMIGA.C     | 1SG20EC029 |
| K AYESHA BANU  | 1SG20EC048 |
| LAKSHMISHREE.C | 1SG20EC053 |

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

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2021-2022



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# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI - 590 018

A Mini Project Report

on

**FM RECIVER**



By

CHETHAN SANKER T  
CHETAN SURESH YATNALLI  
LOKESH H A  
DEEPAK R M

1SG20EC022  
1SG20EC021  
1SG20EC059  
1SG20EC025

*Submitted in partial fulfillment of requirement for the 3<sup>rd</sup> semester*

**BACHELOR OF ENGINEERING**

in

**ELECTRONICS & COMMUNICATION ENGINEERING**

under the guidance of

**Dr. H C SATEESH KUMAR**

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

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2021-2022



# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI – 560018

A Mini Project Report on  
**AUTOMATIC NIGHT LIGHT SENSOR**



By

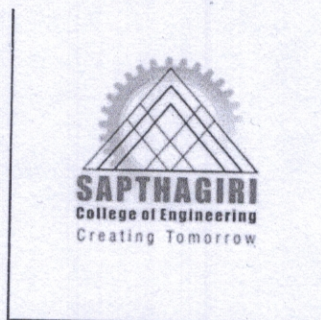
|                  |            |
|------------------|------------|
| KARAN S          | 1SG20EC049 |
| BHOOMIKA K       | 1SG20EC016 |
| LIKITH KUMAR T S | 1SG20EC056 |
| CHANDAN B N      | 1SG20EC017 |

**BACHELOR OF ENGINEERING**  
**IN**  
**ELECTRONICS COMMUNICATION ENGINEERING**

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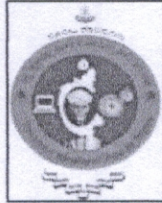


(25)

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI – 590 018

A Mini Project Report  
on  
**BASIC LOGIC GATES IC TESTER**



By

|                |            |
|----------------|------------|
| HARSHITHA M    | 1SG20EC043 |
| JEEVITHA C     | 1SG20EC047 |
| LAXMI S SAJJAN | 1SG20EC054 |
| CHANDAN R      | 1SG20EC018 |

**BACHELOR OF ENGINEERING**  
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2021-2022



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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

BELAGAVI – 590 018

A Mini Project Report  
On  
**BINARY TO GRAY CODE CONVERTOR**



By

ARPITHA M V

ISG20EC013

ASHIKA A SHOLAPUR

ISG20EC014

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

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2021-2022



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

BELAGAVI – 590 018

**A Mini Project Report  
on  
AUDIO AMPLIFIER**

By

|                     |            |
|---------------------|------------|
| ABHIJITH KUMAR MAJI | 1SG20EC002 |
| HARI PRASAD N       | 1SG20EC037 |
| LIKITH R            | 1SG20EC058 |
| M HEMANTH REDDY     | 1SG20EC060 |

*Submitted in partial fulfillment of requirement for the 3<sup>rd</sup> semester***BACHELOR OF ENGINEERING**  
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**ELECTRONICS & COMMUNICATION ENGINEERING**

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2021-2022



# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI – 590 018

A Mini Project Report  
on  
**RAIN WATER ALARM**



By

|                |            |
|----------------|------------|
| DHARANI K H    | 1SG20EC028 |
| KEERTHANA R    | 1SG20EC051 |
| DEEPASHREE R S | 1SG20EC026 |

*Submitted in partial fulfillment of requirement for the award of the degree of*

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

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2021-2022



# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI - 590 018

## A Mini Project Report on OOPS CONCEPT

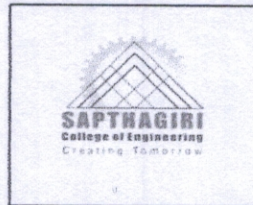


By

|                |            |
|----------------|------------|
| AISHWARYA K    | 1SG20EC006 |
| DEEKSHA V      | 1SG20EC024 |
| HAUSA TABASSUM | 1SG20EC036 |

## BACHELOR OF ENGINEERING in ELECTRONICS & COMMUNICATION ENGINEERING

under the guidance of  
**PREETHI T S**  
ASSISTANT PROFESSOR



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## Sapthagiri College of Engineering,

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2021-2022



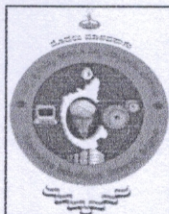
**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

BELAGAVI - 590 018

A Mini Project Report

on

**IMPLEMENTATION OF BOOTH'S ALGORITHM IN C PROGRAM**



By

AASHITHA C G

1SG20EC001

ANUSHA L

1SG20EC011

APOORVA S

1SG20EC012

DHRUVITHA L

1SG20EC030

**BACHELOR OF ENGINEERING**

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under the guidance of

**PREETHI T S**

ASSISTANT PROFESSOR



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2021-2022



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
BELAGAVI – 590 018

A Mini Project Report  
on  
**STACK IMPLEMENTATION**



BY

*Submitted in partial fulfillment of requirement for the award*

|               |            |
|---------------|------------|
| Harshitha K M | 1SG20EC042 |
| Harshitha N   | 1SG20EC044 |
| Gauthami N    | 1SG20EC034 |

*of the degree of*

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in  
**ELECTRONICS & COMMUNICATION ENGINEERING**

under the guidance of

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
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