

# NTR GOVT. DEGREE COLLEGE [W] MAHABUBNAGAR.



## AUTOMATIC STREET LIGHT CONTROL SYSTEM



**UG SEMESTAR -VI  
PROJECT WORK  
DEPARTMENT OF PHYSICS**

Page No.1

# NTR GOVT. DEGREE COLLEGE (W) MAHABUBNAGAR.

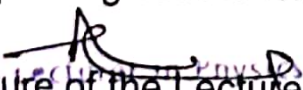


## DEPARTMENT OF PHYSICS CERTIFICATE

This is to certify that the students hearing following roll numbers.


- |    |              |                        |
|----|--------------|------------------------|
| 1. | M.SARASWATHI | Roll No.19033030441529 |
| 2. | NAVITHA      | Roll No.19033030441531 |
| 3. | P.SWETHA     | Roll No.19033030441533 |
| 4. | S.MANJULA    | Roll No.19033030441535 |

of this College has submitted the Project work on the topic vehicle reverse parking sensor for the academic year 2021-22

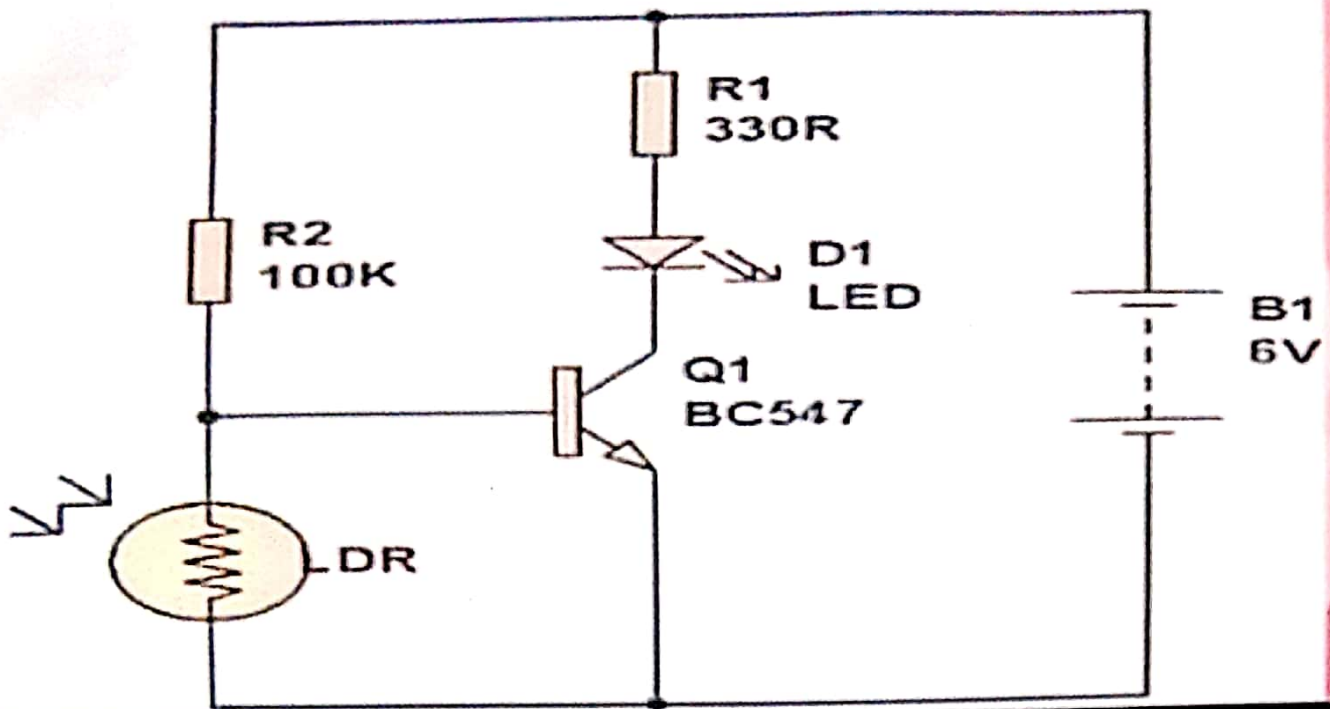
  
Signature of the Lecturer  
NTR Govt. Degree College (W)  
Mahabubnagar

  
Signature of the HOD  
HEAD

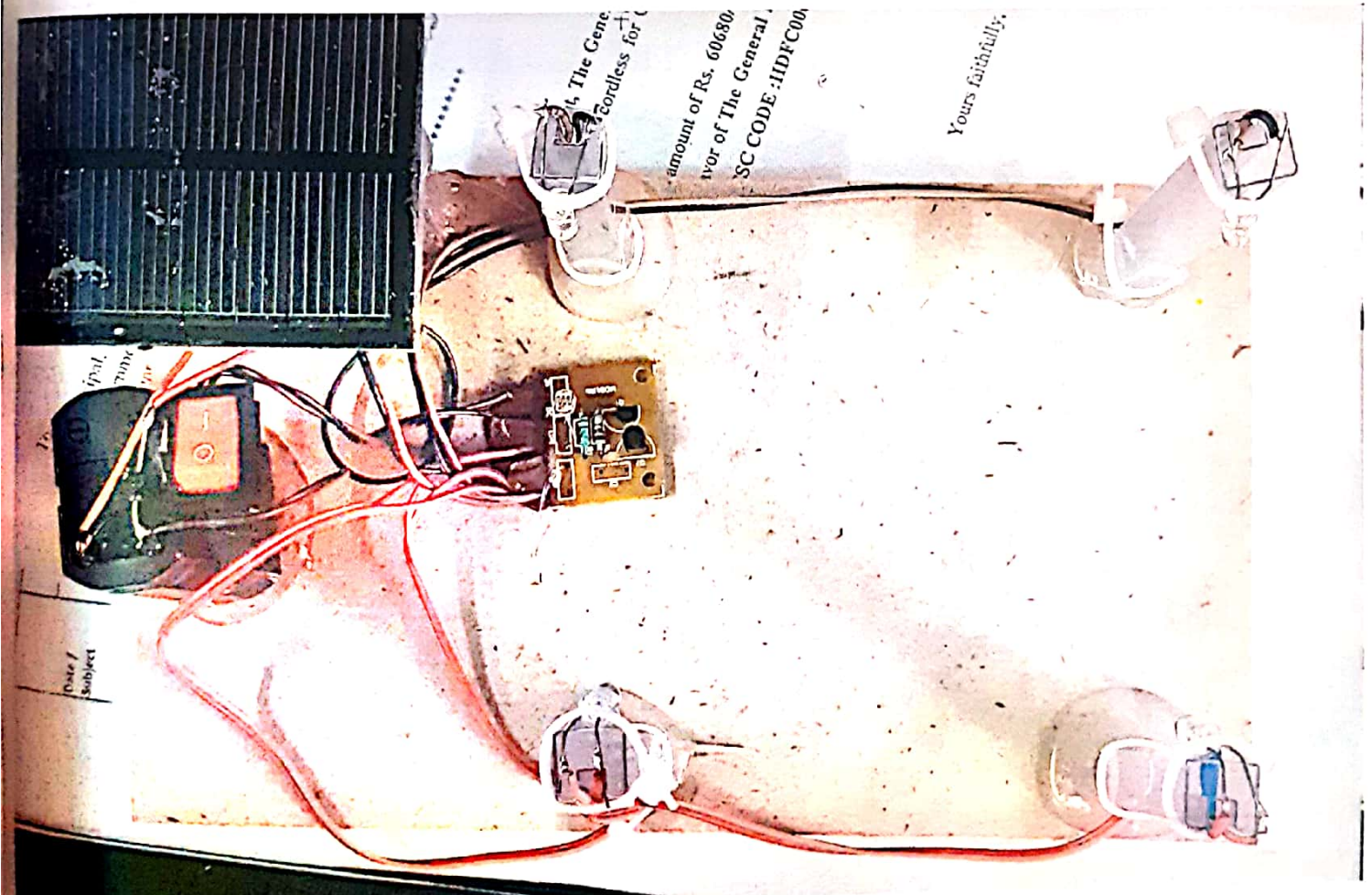
Department of Physics  
NTR Govt Degree College (W)  
Mahabubnagar

  
PRINCIPAL  
N.T.R.G.D.C.(W)  
Mahabubnagar.

*Valued  
Student  
2021-22*



**Figure - Circuit diagram of automatic street light controller**



**NTR GOVT DEGREE COLLEGE FOR WOMEN  
MAHABUBNAGAR -509001(TS)**



# **TYPES OF BATTERIES**

**UG SEMESTER VI**

**PROJECT WORK**

**DEPARTMENT OF PHYSICS**


**NTR GOVT DEGREE COLLEGE FOR WOMEN  
MAHABUBNAGAR -509001(TS)**

**DEPARTMENT OF PHYSICS**


**CERTIFICATE**

This is to certify that the students bearing following roll numbers 1. G.Sunitha (190303030441037) 2. G.Thabitha (19033030441038) 3.Heena Tabassum (19033030441039) Of this college has submitted the project work on the Topic

TYPES OF BATTERIES for the academic year 2022.

  
Signature of the lecturer  
Lecturer in Physics  
NTR Govt. Degree College (W)  
Mahabubnagar

  
Signature of the H.O.D

  
PRINCIPAL  
N.T.R.G.D.C.(W)  
Mahabubnagar.

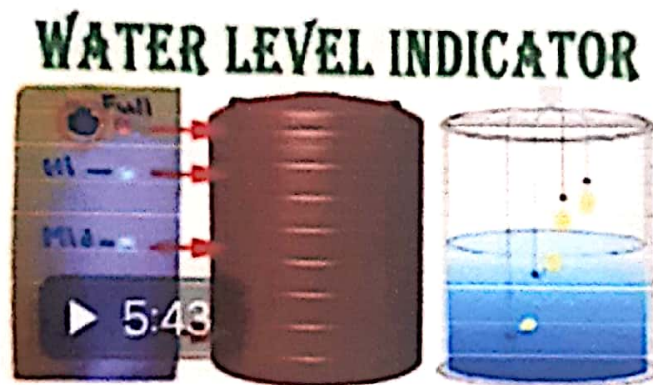
HEAD  
Department of Physics  
NTR Govt Degree College (W)  
Mahabubnagar

*Verified  
S. S. S. S.  
28/06/22*

**NTR GOVT. DEGREE COLLEGE (W)  
MAHABUBNAGAR**



**WATER LEVEL INDICATOR WITH ALARAM**



**UG SEMISTER VI**

**PROJECT WORK**

**DEPARTMENT OF PHYSICS**

# NTR GOVT. DEGREE COLLEGE (W)

MAHABUBNAGAR




## DEPARTMENT OF PHYSICS


### CERTIFICATE

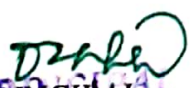
This is to certify that the students bearing following roll numbers

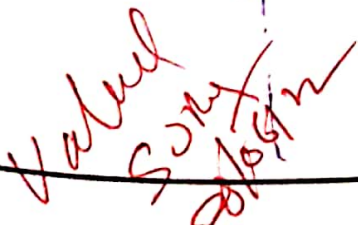
- |               |                          |
|---------------|--------------------------|
| 1. K. JYOTHI  | Roll No : 19033030441519 |
| 2. M. MANJULA | Roll No : 19033030441524 |
| 3. M. ARCHANA | Roll No : 19033030441526 |
| 4. M. MADHAVI | Roll No : 19033030441527 |
| 5. M. PAVANI  | Roll No : 19033030441528 |

Of this college has submitted the project work on the topic Water Level Indicator with Alaram for the academic year 2021-2022

  
Signature of the lecturer  
Lecturer in Physics  
NTR Govt. Degree College (W)  
Mahabubnagar

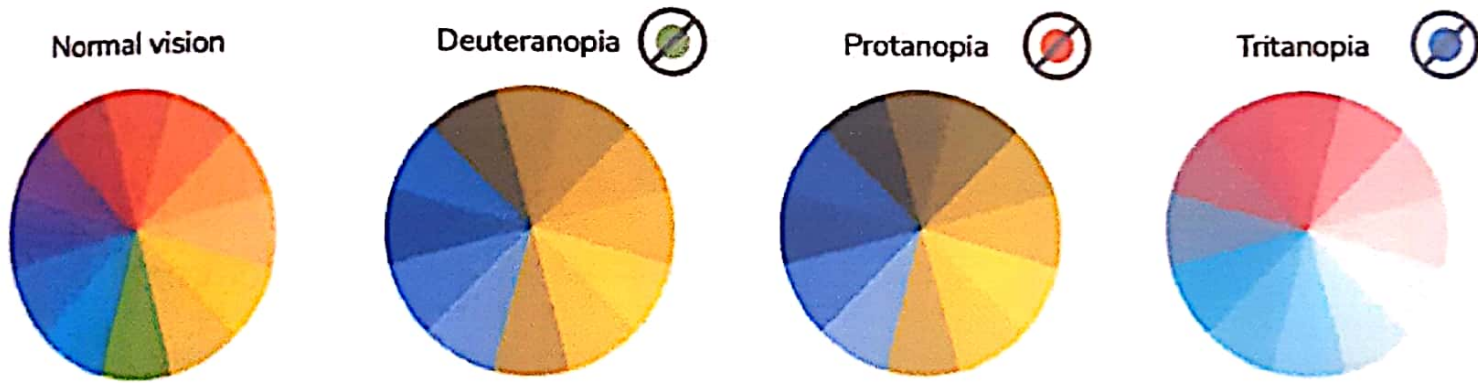
  
Signature of the HOD  
HEAD  
Department of Physics  
NTR Govt Degree College (W)  
Mahabubnagar

  
PRINCIPAL  
NTR.G.D.C.(W)  
Mahabubnagar



# COLOR BLINDNESS DEFINITION

Color blindness is caused by a change or reduction of sensitivity of one or more of the light sensitive cone cells in the eye. The human eye contains millions of cone cells which work together to translate light into neural signals that are transmitted along the optic nerve to the brain, resulting in the sensation of color vision. The most common type of color vision deficiency is called red green colour blindness which occurs when the green and red sensitive cone cells sensitivities overlap more than they are supposed to instead of seeing green and red as distinct colors, the person sees them as being very similar, thus the resulting color confusion and other frustrations.





# DEPARTMENT OF PHYSICS

## CERTIFICATE

This is to certify that the students bearing following roll numbers

- |                   |                |
|-------------------|----------------|
| 1. EDDULA AKSHAYA | 19033030441027 |
| 2. HARISHA        | 19033030441029 |
| 3. G.BHARATHI     | 19033030441030 |
| 4. G. KAVERI      | 19033030441031 |
| 5. G. MANISHA     | 19033030441032 |

Of this college has submitted the project work on the topic Color Blindness for the academic year 2021-2022.



Signature of the Lecturer  
Lecturer in Physics  
TR Govt. Degree College (W)  
Mahabubnagar



Signature of the HOD  
HEAD  
Department of Physics  
NTR Govt Degree College (W)  
Mahabubnagar



PRINCIPAL  
N.T.R.G.D.C.(W)  
Mahabubnagar.

Valued  
Stamp  
Date

**NTR GOVT. DEGREE COLLEGE (W)  
MAHABUBNAGAR**



**VEHICLE REVERSE PARKING SENSOR**

**UG SEMESTER VI**

**PROJECT WORK**

**DEPARTMENT OF PHYSICS**

# NTR GOVT. DEGREE COLLEGE (W)

MAHABUBNAGAR



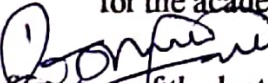
## DEPARTMENT OF PHYSICS

### CERTIFICATE

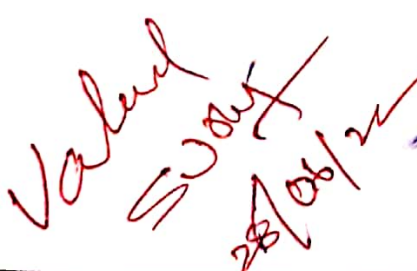
This is to certify that the students bearing following roll numbers

- |                |                          |
|----------------|--------------------------|
| 1. J.BHARGAVI  | Roll No : 19033030441040 |
| 2. J.SAIMANASA | Roll No : 19033030441041 |
| 3. J.RAMANUJA  | Roll No : 19033030441042 |
| 4. K.SHREEYA   | Roll No : 19033030441044 |
| 5. K.BHAVANA   | Roll No : 19033030441045 |

Of this college has submitted the project work on the topic vehicle reverse parking sensor  
for the academic year 2021-2022

  
Signature of the lecturer  
25/06/22

  
Signature of the HOD\

  
Valent  
28/06/22

  
PRINCIPAL  
N.T.R.G.D.C.(W)  
Mahabubnagar.

**NTR GOVT. DEGREE COLLEGE (W)**

**MAHABUBNAGAR**



***ASTRONAUTS LIFE IN SPACE***



**UG SEMISTER VI PROJECT WORK**

**DEPARTMENT OF PHYSICS**

**MAHABUBNAGAR**

# NTR GOVT. DEGREE COLLEGE (W)

MAHABUBNAGAR




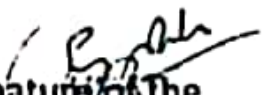
## DEPARTMENT OF PHYSICS CERTIFICATE

This is to certify that the students bearing following roll numbers


- |              |                             |
|--------------|-----------------------------|
| 1.K.NIKITHA  | ROLL NUMBER: 19033030441046 |
| 2.K.SHIRISHA | ROLL NUMBER: 19033030441048 |
| 3.M.AKHILA   | ROLL NUMBER: 19033030441051 |
| 4.M.BHARGAVI | ROLL NUMBER: 19033030441052 |
| 5.M.AKANKSHA | ROLL NUMBER: 19033030441053 |

Of this college has submitted the project work on the topic  
Astronauts life in space for the academic year  
2021-2022

  
Signature of the Lecturer  
NTR Govt. Degree College (W)  
Mahabubnagar

  
Signature of the  
Department of Physics  
NTR GOVT. DEGREE COLLEGE (W)  
MAHABUBNAGAR  
PRINCIPAL

*Value*  
*SUNNY*  
*28/12/22*

  
PRINCIPAL  
N.T.R.G.D.C.(W)  
Mahabubnagar.

**NTR GOVERNMENT DEGREE COLLEGE(W)**

**MAHABUBNAGAR-509001.**

**DEPARTMENT OF PHYSICS - PROJECTS  
MPC E/M (III YEAR-VI SEM)**

S.No	GROUP-01	ROLL NO	PROJECT TITLE	SUPERVISOR
1	E. AKSHAYA	19033030441027	PROJECT ON COLOUR BLINDNESS	SURAYYA JABEEN
2	E. HAREESHA	19033030441029		
3	G.BHARATHI	19033030441030		
4	G.KAVERI	19033030441031		
5	G.MANISHA	19033030441032		

S.No	GROUP-02	ROLL NO	PROJECT TITLE	SUPERVISOR
1	G.SUNITHA	19033030441037	PROJECT ON DIFFERENT BATTERIES	K. RAJENDER JI
2	G.THABITHA	19033030441038		
3	HEENA TABASSUM	19033030441039		

S.NO	GROUP-03	ROLL NO	PROJECT TITLE	SUPERVISOR
1	J.BHARGAVI	19033030441040	VEHICLE REVERSE PARKING SENSOR	K. RAJENDER JI
2	J.SAI MANASA	19033030441041		
3	J.RAMANUJA	19033030441042		
4	K.SHREYA	19033030441044		
5	K.BHAVANA	19033030441045		

S.NO	GROUP-04	ROLL NO	PROJECT TITLE	SUPERVISOR
1	K.NIKITHA	19033030441046	AUSTRONAUT LIFE IN SPACE	A. KESHAVARDHAN GOUD
2	K.SHIREESHA	19033030441048		
3	M.AKHILA	19033030441051		
4	M.BHARGAVI	19033030441052		
5	M.AKANKSHA	19033030441053		

*Suganya*

DEPARTMENT OF PHYSICS – PROJECTS  
MPC T/M (III YEAR-VI SEM)

S.NO	GROUP-05	ROLL NO	PROJECT TITLE	SUPERVISOR
1	K.JYOTHI	19033030441519	WATER LEVEL INDICATOR WITH ALARAM	K. MANJULA
2	M.MANJULA	19033030441524		
3	M.ARCHANA	19033030441526		
4	M.MADHAVI	19033030441527		
5	M.PAVANI	19033030441528		

S.NO	GROUP-06	ROLL NO	PROJECT TITLE	SUPERVISOR
1	M.SARASWATHI	19033030441529	AUTOMATIC STREET LIGHT CONTROL SYSTEM	A. KESHAVARDHAN GOUD
2	NAVITHA	19033030441531		
3	P.SWETHA	19033030441533		
4	S.MANJULA	19033030441535		

