



We the Department of physics have organized Workshop on Fabrication of Electronic devices for sustainable development in collaboration with Innovative Technologies (as we have an MOU) on 6-1-2023 in different applications in the daily life such as Fire detector, Fire detector with sprinkler, Street light control with day-night sensor, Vehicle based street light, Gas detector, Portable Metal detector, Laser beam security ,Pollution detector, Liquid level sensor, Temperature based fan control, Public tap water control, Electronic code lock, Clap switch and Plant irrigation using soil sensors. The above projects were fabricated by the students of III and II B.Sc students in Hands on and after checking the effect of sensing results in the above experiments. After completion of the workshop, We have given the Participation Certificates to the students by our Principal and Innovative Technologies Director

Dr .Hameed

# INNOVATIVE TECHNOLOGIES

## Certificate



CERTIFIED PROFESSIONAL  
(AN ISO 9001 : 2008 CERTIFIED  
INSTITUTION)



This Is To Certify That The Following Student

*Mr / Ms.* \_\_\_\_\_

Government Degree College For Women (A), Begumpet  
have attended one day workshop on 6<sup>th</sup> Januaray -2023 organized by  
DEPARTMENT OF PHYSICS AND ELECTRONICS in association with Innovative  
Technologies, Hyderabad on "Fabrication Of Electronics Devices"

PRINCIPAL  
Dr. K Padmavathi

H.O.D  
Dr. Ch. Kanchana Latha

DIRECTOR  
INNOVATIVE TECHNOLOGIES

Address : D.No. 303, 3<sup>rd</sup> Floor Fatima Manzil, Tolichowki, Hyderabad .  
Ph No: 9052150158 Web: [www.innovativeprojects.co.in](http://www.innovativeprojects.co.in)



GPS Map Camera



Google

### Hyderabad, Telangana, India

ADMINISTRATION BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, 1-10-166, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India  
Lat 17.441654°  
Long 78.459644°  
06/01/23 12:45 PM GMT +05:30



GPS Map Camera



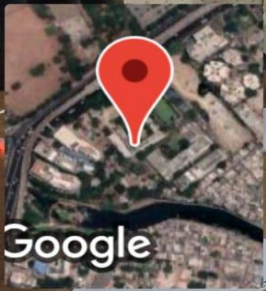
Google

### Hyderabad, Telangana, India

ADMINISTRATION BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, 1-10-166, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India  
Lat 17.441659°  
Long 78.45959°  
06/01/23 12:45 PM GMT +05:30



GPS Map Camera



### Hyderabad, Telangana, India

ADMINISTRATION BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, 1-10-166, Mayur Marg, Begumpet, Hyderabad, Telangana

500016, India

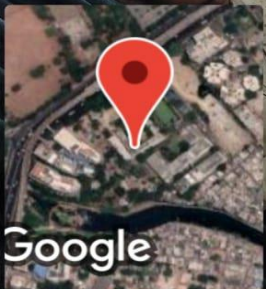
Lat 17.441673°

Long 78.459611°

06/01/23 12:46 PM GMT +05:30



GPS Map Camera



### Hyderabad, Telangana, India

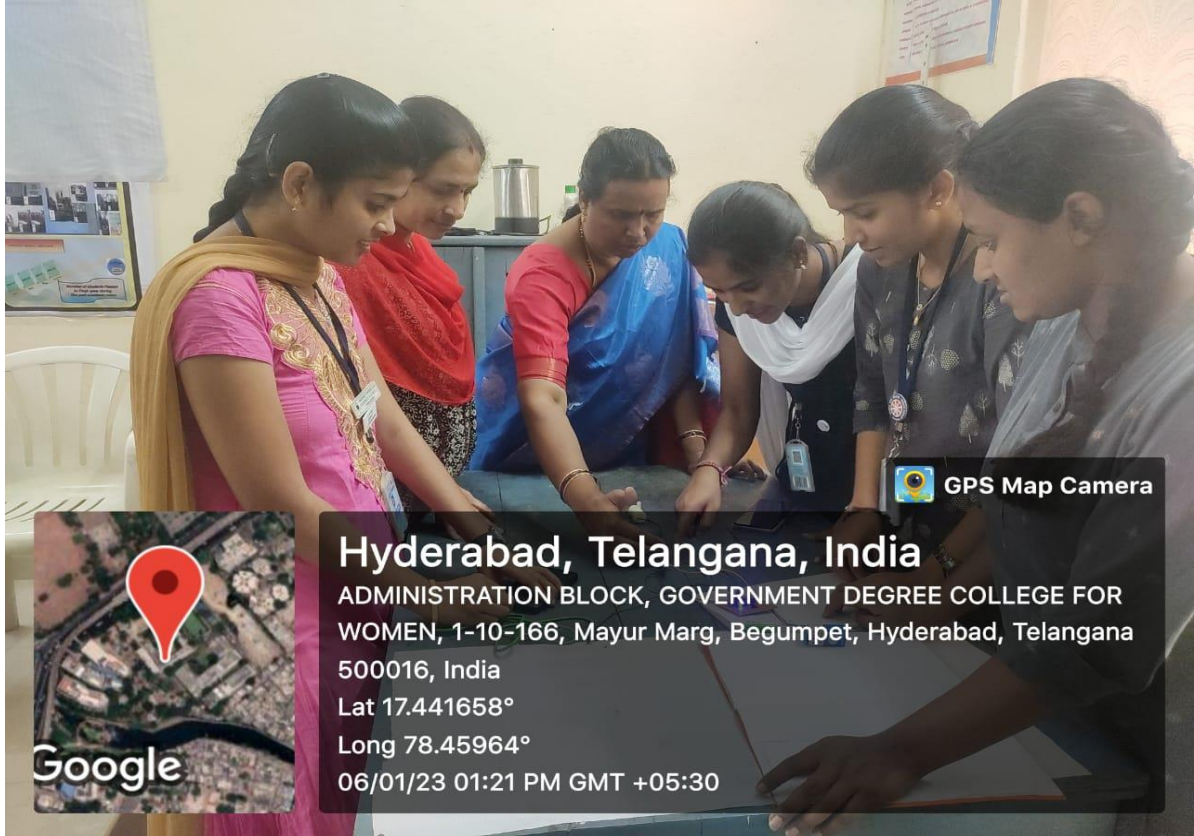
ADMINISTRATION BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, 1-10-166, Mayur Marg, Begumpet, Hyderabad, Telangana


500016, India

Lat 17.441681°

Long 78.459604°

06/01/23 12:46 PM GMT +05:30



 GPS Map Camera

**Hyderabad, Telangana, India**

ADMINISTRATION BLOCK, GOVERNMENT DEGREE COLLEGE FOR  
WOMEN, 1-10-166, Mayur Marg, Begumpet, Hyderabad, Telangana  
500016, India

Lat 17.441658°

Long 78.45964°

06/01/23 01:21 PM GMT +05:30



GOVERNMENT DEGREE COLLEGE FOR WOMEN ,  
BEGUMPET

PASSIONATE PHYSICS CLUB

**ACTIVITIES PERFORMED :**

Workshop on sensor models;

On 11<sup>th</sup> February 2023( Saturday ), Government Degree college for women's Begumpet students participated in sensor based activities of different models which are applicable in our daily life . The work shop organizer clearly explained the process of sensor models like (how to connect the sensor , circuit diagrams of different sensors etc ). So, students actively participated in this workshop. Students understand the importance and applications in our daily life.

There are many models based on topic sensor like **fire detector sprinkler, street light controller liquid level sensor, pollution detector, gas detector, vehicle based street light, public tap water controller, portable metal detector etc..**

These are the models applicable in our daily life activities. For instance, water level sensor: when the tank reaches the maximum water, the water level detector will give us a sound and it indicates that water reached at top.



## A PLACE OF EXPERIMENTS

National science day (FEB-28):

On the birthday of C .V RAMAN we are celebrating national science day . on that day we the committee members organized a science exhibition . Students from different streams participated in this exhibition and we invited our honourable principal madam k. Padmavathi garu as a chief guest . all the faculty members along with principal madam went around to observe the model designed by students .

Students from begumpet government school attended this exhibition. Principal Madam assessed the description given by the students. children from primary

and upper primary schools learn more information rather than books .different models presented in exhibition are ; sonometer, solar charger , clap switch etc..

Finally, principal madam congratulate the students who took part in this show .



# National science day



# **Committee members**

## **President:**

B. Sai priya ( 1085-20-468-009)

## **Vice-president:**

Naheed begum (1085-20-468-089)

## **General Secretary:**

i-Maheen begum (1085-20-468-073)

ii S. Bhargavi (1085-21-468-092)

## **Joint secretary:**

i-J.varsha (1085-20-468-049)

ii-J.sruthi (1085-21-468-030)

## **Treasurer:**

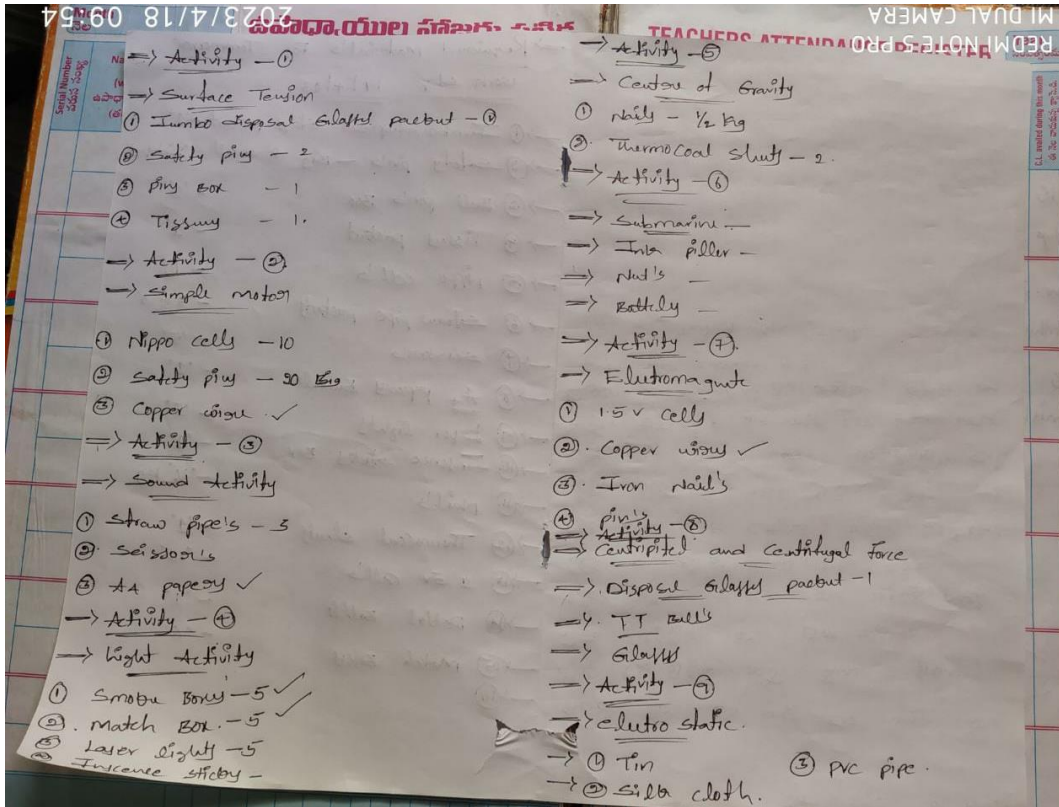
i-Ch. Ruchitha(1085-20-468-023)

ii-K. Akhila(1085-21-468-044)

## **Student co-ordinator:**

i-M. poojitha (1085-21-468-055)

ii- B.Siri chandana (1085-22-468-007)



Certificate course in

LOW COST AND NO COST ON CONCEPTS IN PHYSICS



● ○ REDMI NOTE 5 PRO  
MI DUAL CAMERA

2023/4/19 11:41



● ○ REDMI NOTE 5 PRO  
MI DUAL CAMERA

2023/4/19 11:08





REDMI NOTE 5 PRO  
MI DUAL CAMERA

2023/4/19 11:45



REDMI NOTE 5 PRO  
MI DUAL CAMERA

2023/4/19 11:44



REDMI NOTE 5 PRO  
MI DUAL CAMERA

2023/4/19 11:53







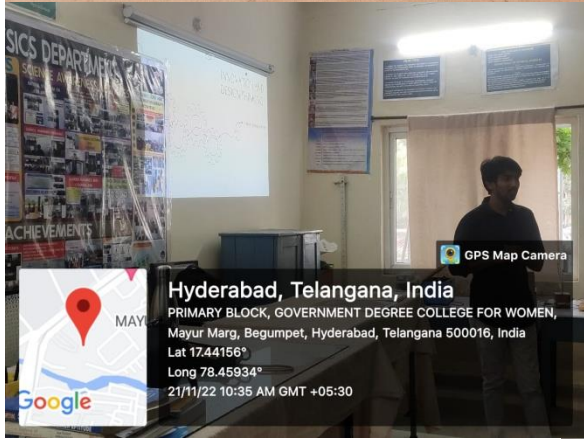
**PRIZE WINNERS IN PASSIONATE PHYSICS CLUB ON ANNUAL DAY CELEBRATIONS (20-4-2023)...0**



Hyderabad, Telangana, India  
ADMINISTRATION BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, 1-10-166,  
Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India  
Lat 17.441655°  
Long 78.45953°  
21/11/22 02:10 PM GMT +05:30



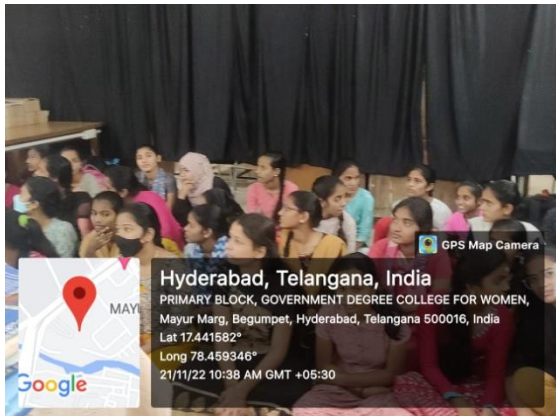
Hyderabad, Telangana, India  
PRIMARY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN,  
Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India  
Lat 17.441672°  
Long 78.459372°  
21/11/22 12:16 PM GMT +05:30



Hyderabad, Telangana, India  
PRIMARY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN,  
Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India  
Lat 17.44156°  
Long 78.45934°  
21/11/22 10:35 AM GMT +05:30



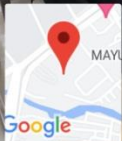
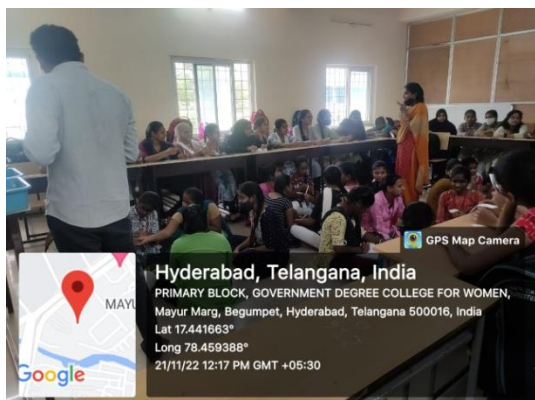
Hyderabad, Telangana, India  
PRIMARY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN,  
Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India  
Lat 17.441654°  
Long 78.459405°  
21/11/22 12:15 PM GMT +05:30



Hyderabad, Telangana, India  
PRIMARY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN,  
Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India  
Lat 17.441582°  
Long 78.459346°  
21/11/22 10:38 AM GMT +05:30



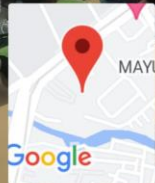
Hyderabad, Telangana, India  
PRIMARY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN,  
Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India  
Lat 17.441646°  
Long 78.459408°  
21/11/22 12:15 PM GMT +05:30



Hyderabad, Telangana, India  
PRIMARY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN,  
Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India  
Lat 17.441663°  
Long 78.459388°  
21/11/22 12:17 PM GMT +05:30



Hyderabad, Telangana, India  
PRIMARY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN,  
Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India  
Lat 17.441669°  
Long 78.459406°  
21/11/22 12:15 PM GMT +05:30

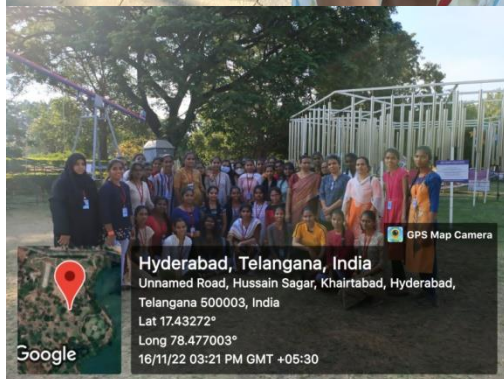
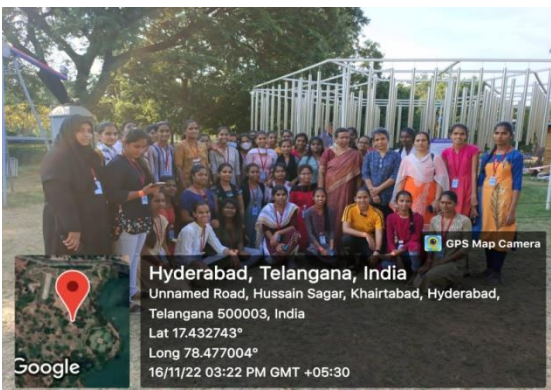


Hyderabad, Telangana, India  
PRIMARY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN,  
Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India  
Lat 17.441632°  
Long 78.459361°  
21/11/22 12:16 PM GMT +05:30



Hyderabad, Telangana, India  
ADMINISTRATION BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, 1-10-166,  
Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India  
Lat 17.441655°  
Long 78.45953°  
21/11/22 02:10 PM GMT +05:30

We the Department of Physics have organized one Workshop on Basic Concepts in Physics with Agastya International foundation team Coordinators Mr.Sravan,Mr.Raju and Ms.Triveni on 21-11-22. The students of I and II B.Sc students are actively participated in the workshop and they feel the first hand feel experience with the experiments related to conversion of Energy in different forms Surface tension ,Newton Laws,Pressure related experiments with low cost and No cost items.



We the Department of Physics went to Do Science park @ Sanjeevayya park on 16-11-22 with the students of II .BSc (50 no.) with faculty of Dr.Ch.Kanchana Latha and Ms.N.Anitha . In the park they showed the physics related items (Velocity of Sound, ECHOES, Laws of vibrations of strings, No.of images formed between mirrors,Optical Illusion etc) with Hands on.Students are very much enlightened in learning the concepts and they take the printed material from Story box tool.