

About the department

Name of the college: Telangana tribal welfare residential degree college girls Mahabubabad

Affiliated with kakatiya university

Name of the department: Physics

year of establishment : 2017

The department of physics was established in the year 2017 under kakatiya university at TTWRDC(G) girls Mahabubabad Yellandu bypass road

The department with spacious classrooms laboratories and departmental library with seminar hall and computer lab with Internet.

The following is the succession Heads of the department who moulded the department into present position

S.No	Name	Year	Remarks
1	Swapna	2017	
2	K. Anu	2019	

Current faculty list:

1.K.Anu-2019

2.B.Shirisha-2022

Teachers day celebrations(5-09-2019)

Teachers day is celebrated on the 5th of the September every year. It is celebrated as the birth anniversary of doctor sarvepalli radha krishna

My students are participated actively in the celebrations. They organised cultural programmes and greeting cards and facilitated to all the teachers and shared their feelings on teachers

Batukamma celebrations(26-9-2019)

As a part of bathukamma celebration students along with management join hands in the preparation of bathukamma by collecting different flowers from yashoda gardens. Students and faculty sang folk songs and dancing around the bathukamma.

Students assignments

As a part of departmental activity the department of physics conducted individual students seminar to assess the students knowledge and skills related to the following learning outcomes

1. basic knowledge in physics
2. seminar presentation

Group discussion

As a part of the departmental activity the department of physics staff conducted group discussion for the students among the second and 3rd year students. By the group discussion student shared their views and opinions freely. They are also provided the opportunity to interact with each other. Gain knowledge from each other.

It helps the students in critical thinking

1. communication school skills

2. problem solving abilities

Republic day celebrations(26-01-2019)

As a part of departmental activity we celebrate Republic day on 26th Jan 2019. On the occasion of Republic day we conducted different cultural programmes, sports activities, Sweets distribution etc..

Science fair(28-02-2020)

As a part of departmental activity the department of physics conducted National Science day programme to mark the occasion of Sir CV Raman discoveries the Raman effect we organised science fair exhibition on 28 February 2020

Students participated actively in this program they prepare charts, poster presentation and models etc

Quiz competitions for second and 3rd year students

As a part of departmental activities the department of physics organised quiz programme for the physics students. In this competition students get moderate to high level questions. This quiz Program is conducted to encourage students and update their knowledge in physics the quiz conducted based on the scientist and their inventions.

Quiz competition for first year students

Physics quiz-online. Physics multiple choice questions

The section contains physics multiple choice questions and based on the basic principles and basic formulae

1. Basic principles of knowledge
2. Definitions of physics
3. Scientist and their inventions

E-Quiz is conducted through online mode.
Participation certificate provided for students

Appreciation for best student

The department of physics conducted the best student teacher at the time of COVID. The student of Mpcs second year B.sirivennela have used the blackboard as a teaching aid and explained the topics nearby students of class 6th to 10th class. She Explained topics very effectively of their concerned subjects.

National Science day

On the occasion of National Science day department of physics conducted a exhibition of poster presentation of few topics related to physics.

students of physics participated in preparing poster presentation with charts

In this programme second and first MPCS students involved and given presentation

Students also explained about of their respective topics.

Supernova 2020

As per the instructions of the head office we conducted supernova 2020 literacy and cultural programme at institution level on February 2020 to the students

competition list

1.Essay writing

2.Elocution

3.Debate, quiz competition

4.Clubs,project presentation

5.Best student teacher

6.Group dance

7.Spot Painting-Sindhu MPCs II

8.Fancy dress-B.Roja MPCs I

9.Fashion show

10.Miss TTWRDC 2020- S.Ramya Mpcs II

Field trip

The department of physics as a part of departmental activity we have taken the students of MPCS 3rd year students to nearby workshop and has shown the working of engine and its parts

And also observed some mechanical devices a by MPCS 3rd year students

They have known about the engine working and its parts.

Field trip(28-02-2022)

As a part of the departmental activity the department of physics have taken the final year Physics students to NIT warangal (National Institute of technology).On the occasion of National Science fair Students actively participated in the science fair and observed the science fair very clearly.

Quiz

As a part of departmental activity the department of physics have conducted the quiz programme for all the first, second and 3rd year students

Students are formed into different groups. The students are actively participated in the quiz programme conducted by department of physics this improves the interaction with each other and also improves the knowledge of the basics of physics

National Science day(28-02-2023)

As a part of departmental activity the department of physics have celebrated the National Science day in our college on the topic of chandrayaan 2 and Raman effect

Children said about the working conditions of Lander and Rover

Lander - Vikram

Rover -pragyan

Indian Space Research organization (ISRO START) programme(20-7-2023)

Telangana tribal welfare degree college women Mahabubabad has participated in online training programme conducted by ISRO of remote sensing,ISRO Dehradun on overview of science and technology under ISRO (START) programme.

This online programme was conducted during July 20, 2022 to August 7,2023

As our 4 students got participation certificates:

- 1.B.Divya
- 2.B.Mamata
- 3.B.Divya
- 4.L.Shailaja

IICT FIELD TRIP(16-11-2023)

As a part of departmental activity the department of physics planned field trip and made it successful.

For a field trip we have taken students to IICT Hyderabad on 16th November 2023

The main aim for this field trip was to develop scientific temperament amongst the children and attract them towards science education

Sections we visited with the students were

1. Biohydrogen reactors
2. Biogas production
3. Atmospheric water generator
4. Pheromones (insecticides and pesticides).
5. Microbial culture

