

Aurora's Degree & PG College

(Accredited by NAAC with 'B++' grade)

Chikkadpally, Hyderabad 500020

Department of Physics

EVENT REPORT



NAME OF THE EVENT	Sir C.V.Raman Birthday
TYPE OF EVENT	Outreach
FACULTY INCHARGE	P Archana
DEPARTMENT	Physics
DATE	7 th November, 2019
VENUE	MusheerabadGovt High School, Musheerabad
TARGET AUDIENCE	X Class Students

OBJECTIVE:

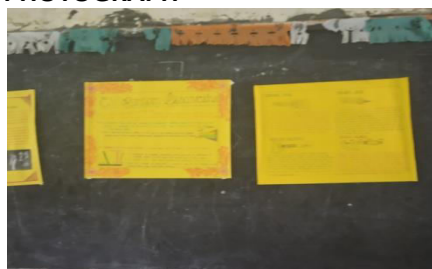
- To aware students about various career options in the field of Physics .
- To make students to understand the basic components of physics.
- To make students to know the importance of invention of Raman effect in the field of physics.
- The lecture emphasized on the extent of raman spectroscopy in the field of physics and innovative techniques in the field of physics.

Brief about the event

OUTCOME

- Students will gain knowledge about working of various physics basic components.
- Students will gain knowledge on latest inventions in physics.
- Students will be motivated to take up their career in the field of physics.

PHOTOGRAPH



**Detailed Report on
Department of Physics
Report
on
Sir CV Raman Birthday**

Date : 07-11-2019,

Venue : Musheerabad Govt High School, Musheerabad.

Target Audience : X Class students

Introduction of the Event:

The Raman Effect was probably the most important invention of the 20th century. The great scientist Sir CV Raman who is responsible for the invention of the Raman effect.

The invention of transistor has brought a revolutionary change in the field of physics and chemistry. Today Raman Spectroscopy is commonly used in chemistry to provide structural fingerprint by which molecules can be identified.. Hence every year 7th November his birthday is celebrated all over the world and his discoveries and inventions are remembered on this occasion.

Methodology:

Department of Physics, Aurora's Degree and PG College conducts this event with great enthusiasm every year.

Faculty member P Archana with 2 final year B.Sc students conducted an outreach program in, Musheerabad Govt High School, Musheerabad. They interacted with X grade students and explained about Invention of Raman effect and its applications. They also demonstrated few basic components of Physics such as Prism, Vernier calipers and screw gauge. Few concepts like Dispersion of light through Prism, and measuring diameter & thickness of wire by using Vernier calipers, screw gauge and image formation by convex lens and concave lens and basic difference between lens were explained.

Students were very enthusiastic and participated actively and are very happy with the session.

Following is the list of students:

s.no	Name of the student	Grade
1.	Sushma	X
2.	G. Lavanya	X
3.	S .Balaram	X
4.	U.Swapna	X
5.	M. Manjula	X
6	D .Bindu	X
7	U.Ramu	X
8	P. Abhiram	X
9	P .Udaya	X
10	D .Ra	X

Faculty Coordinator:

P Archana , Department of Physics.

**Student Coordinator:
Saraswathy,Sindhuja:MPCs-3A**

PHOTOGRAPHS:

