**Aurora’s Degree & PG College**

**Chikkadpally,Hyderabad -500020**

**Short Report**

**On**

**Outreach Program**

**On the occasion of “Sir CV Raman Birthday”**

| **NAME OF THE EVENT** | Outreach Program  On the occasion of “Sir CV Raman Birthday Day**”** |
| --- | --- |
| **TYPE OF EVENT** | College level |
| **FACULTY INCHARGE** | C.Aruna & B.Udaya Sree |
| **DEPARTMENT** | Physics & Electronics |
| **DATE** | 7th November, 2022 |
| **VENUE** | Andhra Mahila Sabha Junior College,OU Campus |
| **TARGET AUDIENCE** | MPC Intermediate Students |

**OBJECTIVE:**

To make students to understand the basic components of physics andto make students to know the contribution of Sir C V Raman in the field of Physics.

**BRIEF ABOUT THE EVENT :**

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

Faculty members C.Aruna & B.Udaya Sree along with final year B.Sc students conducted an outreach program in Andhra Mahila Sabha Junior College. They interacted with Intermediate MPC students and explained about Invention of Raman effect and its applications. Few apparatus like Prism, Battery, Vernier Callipers,Screw gauge,Tuning Fork,Resistors,Convex and Concave lens etc were demonstrated practically and also few concepts like Dispersion of light through Prism, Measuring diameter & thickness of wire by using Vernier calipers, screw gauge etc were explained to the students.

Students participated very enthusiastically and actively in the session**.**

**OUTCOME:**

Students gained practical knowledge on basic apparatus in physics and on latest inventions in physics. Students got motivated to take up their career in the field of physics.

**Photographs:**

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**Aurora’s Degree & PG College**

**Chikkadpally,Hyderabad -500020**

**A Detailed Report**

**On**

**Outreach Program**

**On the occasion of “Sir CV Raman Birthday”**

**EVENT / ACTIVITY DETAILED REPORT**

| **NAME OF THE EVENT** | Outreach Program  On the occasion of “Sir CV Raman Birthday **”** |
| --- | --- |
| **TYPE OR TITLE OF EVENT** | College level |
| **FACULTY INCHARGE** | C.Aruna & B.Udaya Sree |
| **DEPARTMENT** | Physics & Electronics |
| **DATE** | 7th November, 2022 |
| **VENUE** | Andhra Mahila Sabha Junior College,OU Campus |
| **TARGET AUDIENCE** | MPC Intermediate Students |

**PROGRAM SCHEDULE:** 7th November, 2022 from 10:00 am to 12:00 pm.

**VENUE:** Andhra Mahila Sabha Junior College,OU Campus

**LIST OF FACULTY COORDINATORS :**

C.Aruna **-** Department of Electronics.

B.Udaya Sree -Department of Physics.

**LIST OF THE STUDENT COORDINATORS :**

Pooja,1051-20-468-002,MPCS 3A

Sri laxmi,1051-20-468-001,MPCS 3A

**LIST OF THE PARTICIPANTS:**

| **s.no** | **Name of the student** | **Grade** |
| --- | --- | --- |
| 1 | Preethi Kumari | MPCI |
| 2 | G.Manasa | MPCI |
| 3 | G.Siri | MPCI |
| 4 | B.Dixitha | MPCI |
| 5 | V.Rupa Laxmi | MPCI |
| 6 | V.Vaishnavi Goud | MPCI |
| 7 | Sana Begum | MPCI |
| 8 | B.Chandana | MPCI |
| 9 | B.Samyuktha | MPCI |
| 10 | N.Keerthi | MPCI |
| 11 | K.Harshitha | MPCI |
| 12 | G.Sowmya | MPCI |
| 13 | J.V.Siri chandana | MPCI |
| 14 | G.Manisha | MPCI |
| 15 | Rayana Sai Saranya | MPCI |
| 16 | K.Malavika | MPCI |
| 17 | P.Bhargavi | MPCI |
| 18 | S.Mounika | MPCI |
| 19 | Muskan Rani Muktha | MPCI |
| 20 | Samlet Swetha | MPCI |
| 21 | N.Akshaya | MPCI |
| 22 | Zuha Maryana | MPCI |
| 23 | K.Rakshitha | MPCI |
| 24 | U.Poojitha | MPCI |
| 25 | A.Hemalatha | MPCI |
| 26 | Katapaga Vaishnavi | MPCII |
| 27 | K.Vaishnavi | MPCII |
| 28 | A.Prathibha | MPCII |
| 29 | N.Bhagyalaxmi | MPCII |
| 30 | Samrun Fathima | MPCII |
| 31 | Summaiya Sultana | MPCII |
| 32 | M.Meghana | MPCII |
| 33 | M.Jayashree | MPCII |
| 34 | R.Sahasra Sharma | MPCII |
| 35 | S.Nara | MPCII |
| 36 | Keerthana | MPCII |
| 37 | Poojitha sai | MPCII |
| 38 | M.Sreenidhi | MPCII |
| 39 | C.Niharika | MPCII |
| 40 | K.Chaitanya | MPCII |
| 41 | D.Jayasiri | MPCII |
| 42 | M.Lokeshwari | MPCII |
| 43 | K.Poojitha | MPCII |
| 44 | C.Jhansi Yadav | MPCII |
| 45 | B.Soujanya | MPCII |
| 46 | G.Divya | MPCII |
| 47 | C.Bhargavi | MPCII |
| 48 | C.Niharika | MPCII |
| 49 | M.Nikitha | MPCII |
| 50 | S.Sruthi | MPCII |
| 51 | G.Laxmi Prasanna | MPCII |
| 52 | Irfana Parveen | MPCII |
| 53 | A.Pujitha | MPCII |
| 54 | B.Swathi | MPCII |
| 55 | N.Gangothri | MPCII |
| 56 | Akshaya | MPCII |
| 57 | Shravani.TV.Keerthana | MPCII |
| 58 | Soumya | MPCII |
| 59 | Ooha | MPCII |
| 60 | Siri | MPCII |
| 61 | Ashwini | MPCII |
| 62 | Pravalika | MPCII |

**Paragraph about the Proceedings**

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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.

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.

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

Faculty members C.Aruna & B.Udaya Sree with final year B.Sc students conducted an outreach program in Andhra Mahila Sabha Junior College,OU Campus. They interacted with Intermediate MPC students and explained about Invention of Raman effect and its applications .

Following apparatus were demonstrated practically

* Prism
* Battery
* Vernier calipers
* Tuning Fork
* Screw gauge
* Resistors, Capacitors and LEDs
* Convex and Concave Lenses
* Galvanometer

Following concepts were explained to the students:

* Dispersion of light through Prism
* Measuring diameter & thickness of wire by using Vernier calipers, screw gauge
* Image formation by convex lens and concave lens
* Basic difference between lens were explained.

Students participated very enthusiastically and actively in the session.

**INCOME AND EXPENDITURE :** N/A

**Event Photos:**

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**GUEST PROFILE:** N/A

**FEED BACK :** Students gave positive feedback and they felt happy for conducting this event.

**Aurora’s Degree and PG College         **

**(ACCREDITED BY NAAC WITH ‘B++’ GRADE)**

**Chikkadpally, Hyderabad 500020**

**Department of Physics**

**EVENT PROPOSAL**

**for**

**Dr. C V Raman Birthday celebrations**

**Event Name**: Dr. C V Raman Birthday celebrations

**Event Title**:   Dr. C V Raman Birthday celebrations

**Department Event**: Physics Department

**Faculty coordinator**: C. Aruna, B. Udaya Sree

**Date & Venue**: 7/11/2022 & Andhra Mahila Sabha Junior College for college

**Target audience**: Intermediate Students

**Platform**: Offline

**Level:** Department level

**Student Volunteer’s**: Harini, Lavanya, Pooja

**Budget**: N/A

**Objective:** To pay tribute to an eminent scientist “Sir C V Raman” on occasion of his birthday.

**Proposed activities**:

* Visiting to Intermediate College
* Demonstrating Experiments in Optics
* Awareness about Career in Physics

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Event Coordinator IQAC Coordinator Principal

C. Aruna (Dr. Meera Joshi) (Dr. Viswanadham Bulusu) B. Udaya Sree

**EVENT / ACTIVITY NOTICE :** N/A

**RECEIPTS :** N/A

**CERTIFICATES** : N/A

**LETTERS OF COMMUNICATION :**

