# PROGRAMMES ORGANIZED BY DEPARTMENT OF PHYSICS (2023 - 2024)

#### GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN



#### TIRUCHENDUR

PHYSICS ASSOCIATION

**ORGANIZES** 

**QUIZ COMPETITION** 

FOR UG & PG PHYSICS STUDENTS

Date: 14.08.2023

**Venue: PG Physics Lab** 



Dr. V. Vasantha Kumari Staff in-charge



Dr. P. Jevanthi Principal



2.30 pm - 4.30 pm



Dr. J. Jacqueline Amelia Head of the Department

#### **DEPARTMENT OF PHYSICS**

#### Report of the programme

Name of the programme

: Quiz competition

Venue

: PG Physics lab

Date

: 14.08.2023

Brief objective of the programme

 To evaluate the knowledge of the students within and beyond academics.

• To enrich critical thinking and invoke team spirit among the students.

Topic of the event

: General Physics

No. of participants

: 15

Details of the prize winner

: I - Prize:

B. Kanagavalli (II M. Sc.)
J. Subalakshmi (II B. Sc.)
P. Muthu Elakiya (I B. Sc.)

#### II - Prize:

S.M. Nalifa Fahmitha (II M. Sc.)

S. Swetha (II B. Sc.)
P. Madhumitha (I B. Sc.)

Outcome of the programme

 The programme enhanced the scientific spirit among the students and motivated them to acquire knowledge in all fields.

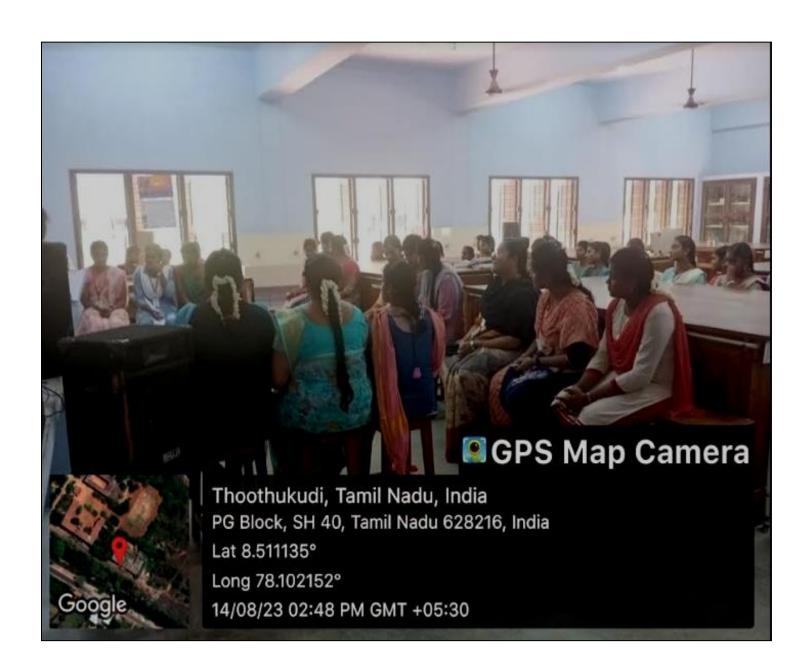
 It also paved the way to promote team building in students.

V. Vousanlya Lumai Staff in charge

Head of the Department











#### **PHYSICS ASSOCIATION**

Organizes an Association meeting on

### SPACE WEATHER

Chief Guest: Dr. H. Johnson Jeyakumar,
Associate Professor in Physics,
Pope's College (Autonomous),
Sawyerpuram.

Date: 08.09.2023 Time: 2.00 to 3.30 pm Venue: PG Seminar Hall

Dr. V. Vasantha Kumari

Staff in-charge

Dr. J. Jacqueline Amelia

**Head of the Department** 

Dr. P. Jevanthi

Principal

#### GOVINDAMMAL ADITANAR COLLEGE FOR WOMEN, TIRUCHENDUR **DEPARTMENT OF PHYSICS** Report of the programme

Name of the programme

: Guest Lecture

Venue

: PG Seminar Hall

Date

: 08.09.2023

Brief objective of the programme

: • To get an insight into the field of atmosphere and space.

 To break monotony and to spark interest in the subject.

 To enable the students in enriching the latest updates of fields which are not in the regular stream.

Name of the chief guest with designation: Dr. H. Johnson Jeyakumar, M. Sc, M. Phil, Ph. D.,

Associate Professor & Head, Department of Physics,

Pope's College, Sawyerpuram.

Topic of the event

: Space Weather

No. of participants

: 135

Outcome of the programme

- : The students got a better opportunity to learn about an explicit topic.
  - The lecture unveiled the reason for sunspots, aurorae, solar storms and their influence to earth, alien's invasion etc.
  - The programme enabled the students to know about the reasons for climatic changes in earth.









# Department of Physics organizes

#### PRACTICAL ENRICHMENT PROGRAMME

for +2 students on 5.10.2023 & 6.10.2023

Bay 1: Government Girls' Higher Secondary School, Kayalpatham Day 2: Zubaida Girls' Higher Secondary School, Kayalpatham

## Valedictory Function

DATE: 06.10.2023 TIME: 2.45 P.M

Dr. S. Karpagavalli &

Dr. S. Vasumathi Dr. J. Jacqueline Amelia Dr. P. Jeyanthi

Staff in-charge HOD Principal

#### **DEPARTMENT OF PHYSICS**

#### Report of the programme

Name of the programme

: Practical enrichment programme

Venue

4.

: UG & PG Physics Laboratory

Date

÷,

: 05.10.2023 & 06.10.2023

Brief objective of the programme

 To have a great exposure of +2 school students on experimental physics and create interest in the subject of Physics.

 To demonstrate the physics experiments under the syllabus of +2 physics to the +2 school students through wide range of physical concepts and processes.

No. of participants

: 75

Outcome of the programme

- About 46 students from Government Girls'
   Higher Secondary School, Kayalpatnam and
   29 students from Zubaida Higher Secondary
   School, Kayalpatnam were benefited by this
   programme.
  - The +2 students gained more knowledge in effective practical physics and gained hands on experience of using the instruments.
  - Through this Practical Enrichment Programme, the students understood how to do the experiments by applying the physical concepts.
  - We received excellent response from the feedback of students. The programme helped them face the +2 physics practical examinations with high confidence.
  - The programme also enhanced the teaching skill of our final year UG & PG students while demonstrating the practicals to the school students.

8 Rurpeger Whi 9/10/2023 Si Val 1/9/10/2023 Staff in charge

J. Jacqueline (funding) 2023

Head of the Department

Principal 2923















#### **PHYSICS ASSOCIATION**

organizes

**Presentation Skills Competition on** 

#### **EXPLORING INNOVATIONS IN PHYSICS**

Date: 22.01.2024 Time: 2.30 – 3.30 pm

**Venue: PG Physics laboratory** 

Dr. V. Vasantha Kumari

Staff in-charge

Dr. J. Jacqueline Amelia

Head of the Department

Dr. P. Jeyanthi Principal

#### **DEPARTMENT OF PHYSICS**

#### Report of the programme

Name of the programme : Competition of presentation skills

**Venue** : PG Physics lab

Date : 22.01.2024

Brief objective of the programme : • To bring out the innovative ideas of students

to a common platform

To strengthen critical thinking and improve

the presentation skill of students

**Topic of the event** : Exploring innovations in Physics

No. of participants : 24 students in 12 teams

Details of the prize winner : I - Prize:

K. Jenisha Kiruba (III B.Sc.) S. Kavitha Devi (III B.Sc.)

II - Prize:

M. Jaya Shree (III B.Sc.) R. Hema (III B.Sc.)

Outcome of the programme

: • The programme initiated scientific thinking

and team spirit among the students

The competition created interest in the

exploration of new ideas in physics

Staff in charge

Head of the Department











#### **DEPARTMENT OF PHYSICS ORGANIZES**



NATIONAL SCIENCE DAY
CELEBRATION
on
28.02.2024

All are cordially invited



Dr. V. Vasantha Kumari Staff in-charge Dr. J. Jacqueline Amelia Head of the Department Dr. P. Jeyanthi Primcipal

#### **DEPARTMENT OF PHYSICS**

#### Report of the programme

Name of the programme : National Science Day celebration

**Venue** : PG seminar hall

Date : 28.02.2024

**Brief objective of the programme** : • To mark the discovery of "Raman Effect".

To create awareness about the importance of

science and technology to the students.

No. of participants : 90

Details of the prize winner : a. <u>Turncoat:</u>

I Prize: D. Santhiya (I M.Sc.)

M. Yogalakshmi (I M.Sc.)

II Prize: A. Jeba Gnancy (II B.Sc.)

S. Swedha (II B.Sc.)

**III Prize**: M.L. Mohammed Fathima

(III B.Sc.)

K. Jenisha Kiruba (III B.Sc.)

b. Adzap:

I Prize: D. Santhiya (I M.Sc.)

II Prize: N.K. Narmadha Devi (I B.Sc.)
III Prize: S. Kavitha Devi (III B.Sc.)

c. Journey to Moon:

I Prize: D. Santhiya (I M.Sc.)

N. Nagalakshmi (I M.Sc.)

II Prize: K. Kalaivani (II B.Sc.)

S. Jeya Virukshaya (II B.Sc.)

III Prize: K. Meena Pon Abirami (I M.Sc.)

S. Keerthana (I M.Sc.)

#### Outcome of the programme

:

- Many competitions were conducted for the students on the eve of science day and the prizes were distributed.
- The events showcased the contribution of our scientists to the students.
- The programme highlighted the need of innovations in science and technology to the students.

Staff in charge

Head of the Department









#### **DEPARTMENT OF PHYSICS**

#### **Report of the Programme**

Name of the programme

: Study tour

Place visited

: Kodaikanal Solar Observatory (KSO), Indian Institute of Astrophysics, Kodaikanal and Green Valley

Date

: 23.03.2024

Brief objective of the programme

: • To acquire knowledge about the solar system.

• To get more information on various kinds of telescopes.

No. of participants

49

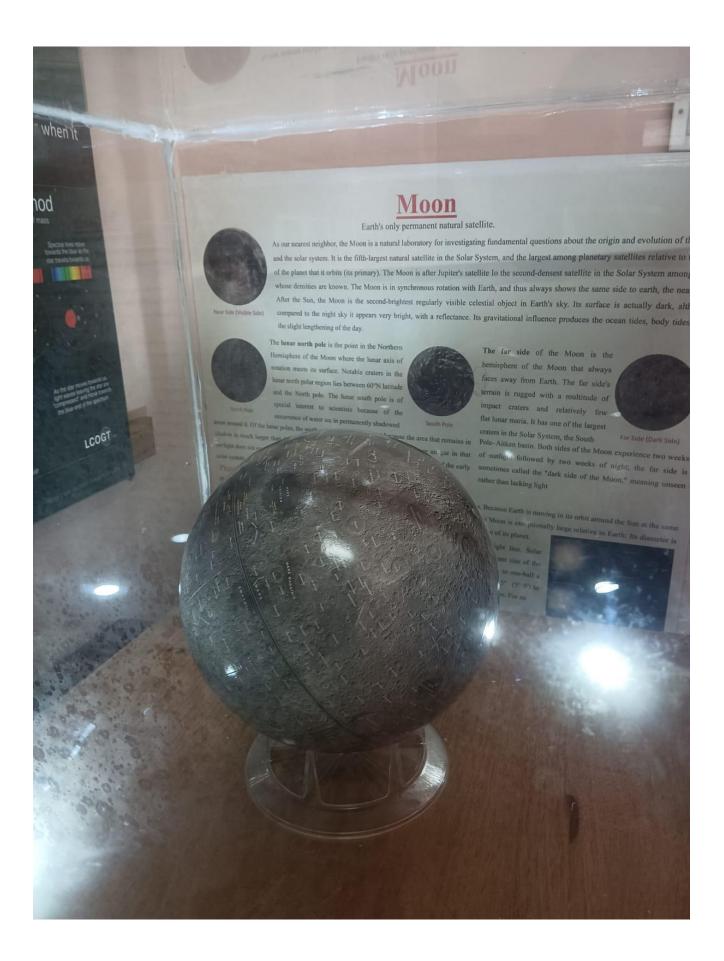
Outcome of the programme

: • The students gathered information about sunspot, astronomical telescope, sunstorm, etc.

 They learnt about research and job opportunities available in the field of Astrophysics.











#### **DEPARTMENT OF PHYSICS**

#### Report of the programme

Name of the programme : Model interview

Venue : PG Physics laboratory

Date : 26.03.2024

**Brief objective of the programme** : • To evaluate the knowledge of students.

• To make the students to face the interview boldly.

#### Name of the interviewers with designation

#### : Panel I:

- 1. Dr. R. Thilagavathi, Associate Professor of Physics.
- 2. Dr. S. Karpagavalli, Associate Professor of Physics.
- 3. Ms. K. Rathika, Asst. Professor of Computer Science.
- 4. Dr. M. Mariammal, Asst. Professor of Commerce.

#### Panel II:

- 1. Dr. P. Jamuna, Asst. Professor of Commerce.
- 2. Dr. A. Suganthi, Associate Professor of Physics.

#### Panel III:

- 1. Dr. M. Jansirani, Asst. Professor of Chemistry.
- 2. Dr. R. Gandhimathi, Asst. Professor of Physics.

No. of participants

30 (PG: 11 & UG: 19)

Outcome of the programme

 The students were able to evaluate themselves through the interview.

 The students came to know about their strength and weakness while facing the interview.

Staff in charge







#### **DEPARTMENT OF PHYSICS**

#### Report of the programme

Name of the programme

: Project presentation

Venue

: PG Seminar hall

Date

: 12.04.2024

Brief objective of the programme:

To create interest in space physics.

• To motivate and enhance the presentation skill

of students.

Name of the students

: B. Yogavarshini (II M.Sc. Physics) &

J. Arockiya Jeslin (II M.Sc. Physics)

Topic of the event

: Chandrayaan III Mission

No. of participants

90

Outcome of the programme

The students got an insight into the technology

and challenges in the launching of Chandrayaan

III.

• The lecture motivated other students also to do

presentations with confidence.

Staff in charge









# INTERCOLLEGIATE LEVEL PARTICIPATIONS (2023 - 2024)

#### **DEPARTMENT OF PHYSICS**

#### Report of the programme

Name of the programme

: International conference on "Technologically

Important materials for device fabrication"

Level

International

Name of the organizing institution

Department of Physics,

Aditanar College of Arts and Science,

Tiruchendur.

Date

01.09.2023

No. of participants

12

Name of the students participated

M. Swetha (II M.Sc.)

M. Krishnaveni (II M.Sc.)

K.M. Fathima Zumana (II M.Sc.)

S. Saranya (II M.Sc.)

S. Amirtha Lingeswari (II M.Sc.)

A. Luvina (II M.Sc.)

S. Abinayasri (II M.Sc.)

C. Ramalakshmi (II M.Sc.)

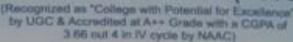
N. Swetha (II M.Sc.)

S. Sri Devi (II M.Sc.)

P. Anushiya (II M.Sc.)

S. Rajaboopathi (II M.Sc.)

### ST.XAVIER'S COLLEGE (AUTONOMOUS)



Palayamkottai - 627002

#### **DEPARTMENT OF PHYSICS**

# PHYSCOM 2023

Greelings from the Department of Physics

Dear Professor,

The Department of Physics is organizing PHYSCOM -2023, an inter collegiate one-day event, on Friday the 22<sup>nd</sup> September 2023, for UG & PG Physics students. We solicit you to kindly send the young physicists from your college to participate in this event.

Looking forward to hear from you,

Warm Welcome Dr. B. HELINA

H.O.D of Physics St. Xavier's College (Autonomous) Palayamkottai, Tirunelveli - 627 002.

Email: physcom2023@gmail.com Mobile: 99940 25814

"Invites the Blooming Buds to the World of Creativity"

# **Programme Schedule**

Registration 8:30 AM

Inauguration 9:00 AM

Venue: Fr. Lebeau Auditorium

Events	Time	Venue	No. of Participant
Paper Presentation (PG)	9:30 AM	Fr. Lebeau Auditorium	2
Quiz (uc-Preums)	9:30 AM	UG Physics Lab	3
Turncoat (PG)	10:30 AM	Fr. Lebeau Auditorium	2
Collage (UG)	10:30 AM	UG Physics Lab	3
Quiz Final (UG)	10:30 AM	Fr.Coussanel Hall	3

## Lunch break 12:30 PM - 1:30 PM

Venue: UG Physics Lab

Dumb Charade (UG)	1:30 PM	Fr.Lebeau Auditorium	3
Sparking Parade (UG)	1.30 PM	Fr.Caussanel Hall	3

# Valediction 4:00 PM

Venue : Fr. Lebeau Auditorium

Ensure your participation on or before 20/09/2023 prior 5:00 PM through the form attached with this invitation via Whatsapp or Email

Whatsapp - 99940 25814

Email: physcom2023@gmail.com

NOTE: Participants must bring their college Id card

#### Report of the programme

Name of the programme

: PHYSCOM - 2023 competitions

Topic

: General Physics

Level

: Regional

Name of the organizing institution

: Department of Physics,

St. Xavier's College (Autonomous),

Palayamkottai.

Date

: 22.09.2023

No. of participants

: 13

Details of prize winners

: Paper Presentation (PG):

D. Santhiya (I M. Sc.) - I Prize

Quiz (UG):

A. Swathika (III B. Sc.)
M. Jeya Shree (III B. Sc.)
A. Jeba Gnancy (II B. Sc.) Sparkling Parade (UG): R. Hema (III B. Sc.) – I Prize

Highlight

: Won the "OVERALL CHAMPIONSHIP

TROPHY"

Usanyadimai 13/04/2023
Staff in-charge







#### 7th State Level Inter-Institutional Physics Meet

Day 1: 22/02/2024 - Online events

Day 2: 23/02/2024 - Offline events

#### Registration and payment:

- While making payments please mention your college name properly (in remarks).
- Registration will be confirmed only after the completion of payment.
- ONLINE EVENT ONLY:
  - EARLY BIRD: RS.150/- per participant (closes on 10/02/2024, Saturday 5.00 p.m.)
  - LATE REGISTRATION: RS.200/- per participant (closes on 15/02/2024, Thursday 5.00 p.m.)
- BOTH ONLINE AND OFFLINE EVENTS:
  - EARLY BIRD: RS.200/- per participant (closes on 10/02/2024, Saturday 5.00 p.m.)
  - LATE REGISTRATION: Rs.250/- per participant ( closes on 15/02/2024 , Thursday 5.00 p.m)
- For any queries regarding <u>registration</u>, please contact
- For any queries regarding payment, please contact



#### **DEPARTMENT OF PHYSICS**

#### Report of the programme

Name of the programme

: APEIRON 2024 competitions - State level inter-

institutional Physics meet

Level

State

Mode

: Online

Name of the organizing

institution

: Bharathidasan University,

Tiruchirapalli.

Date

: 22.02.2024

No. of participants

: 11

Details of the prize winners

a. Conundrum Clash:

I Place - Cash award of Rs. 1000/-

1. S.H. Nalifa Fahmitha (II M.Sc. Physics)

2. N. Nagalakshmi (I M.Sc. Physics)

b. Tricky Tronics:

V Place:

1. S.H. Nalifa Fahmitha (II M.Sc. Physics)

2. D. Santhiya (I M.Sc. Physics)



#### DEPARTMENT OF PHYSICS BHARATHIDASAN UNIVERSITY

(Accredited with A<sup>+</sup>grade by NAAC in the third cycle & 41<sup>st</sup> Rank among the Indian Universities in NIRF-2023)

TIRUCHIRAPPALLI - 620 024





#### CERTIFICATE OF APPRECIATION

THIS IS to CETHI	y that
Mr. Ms. Walifa Fahmil	Dog of the
of Journdammal Aditanan	College for Warnen Tiruchendur
has won First	place in
Conundoum Blash	
APEIRON 2024 Seventh State	

Physics Meet held during 22 – 23 FEBRUARY, 2024.

HEAD RTMENT OF PHYSICS

ORGANISING SECRETARY
APEIRON 2024

PRESIDENT
PHYSICS FORUM



#### DEPARTMENT OF PHYSICS BHARATHIDASAN UNIVERSITY

(Accredited with A<sup>+</sup>grade by NAAC in the third cycle & 41st Rank among the Indian Universities in NIRF-2023)

TIRUCHIRAPPALLI - 620 024





#### CERTIFICATE OF APPRECIATION

ODMITTION OF	*** * ***
This is to cert	ify that
Mr. / Ms Wagalak	hmi. V
of Govindammal Adilanar	Callege for Warnen Tiruchendu
has won First_	
Conundrum Ela	Sh event
n APEIRON 2024, Seventh Sta	te Level Inter-Institutional
Physics Meet held during 2	2 - 23 FEBRUARY, 2024.
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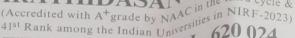
HEAD DEPARTMENT OF PHYSICS

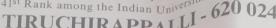
PRESIDENT PHYSICS FORUM

ORGANISING SECRETARY
APEIRON 2024



# DEPARTMENT OF VIVERS IN ARATHIDASAN UNIVERS (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the third cycle & (Accredited with A<sup>+</sup>grade by NAAC in the









# CERTIFICATE OF APPRECIATION

This is to certif	2 that
Mr. / Ms Walifa Fah	nitha S.H
of Gurindammal Aditanax	College for Women, Tiruchendux
nas wontuth	place in
Iricky Iranics_	event
n APEIRON 2024, Seventh State	Level Inter-Institutional
Physics Meet held during 22 -	- 23 FEBRUARY, 2024.
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HEAD RTMENT OF PHYSICS

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PRESIDENT PHYSICS FORUM



# DEPARTMENT OF PHYSICS BHARATHIDASAN UNIVERSITY

(Accredited with A<sup>+</sup>grade by NAAC in the third cycle & 41st Rank among the Indian Universities in NIRF-2023)

TIRUCHIRAPPALLI - 620 024





#### CERTIFICATE OF APPRECIATION

Th	is is to certi	fy that	
Mr. / Ms	Santhiy	29	11
of yourndammal	Aditara	Callege Loss	Warren Tiruchendu
has won	Fifth_	place	
	Ironics_		event
APEIRON 2024, S	eventh Stat	e Level Inte	r-Institutional
Physics Meet held			
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HEAD PARTMENT OF PHYSICS

ORGANISING SECRETARY
APEIRON 2024

PRESIDENT PHYSICS FORUM

#### **DEPARTMENT OF PHYSICS**

#### Report of the programme

Name of the programme : Science Academies' lecture workshop on

"Characterization of molecules and materials"

Level : International

Name of the organizing institution : PG & Research Department of Physics,

Pope's College, Sawyerpuram.

Date : 21.03.2024

No. of participants : 6

Name of the students participated : S. Keerthana (I M.Sc.)

K. Meena Pon Abirami (I M.Sc.)

N. Nagalakshmi (I M.Sc.) M. Jamuna (I M.Sc.) S. Sneha (I M.Sc.)

M. Yogalakshmi (II M.Sc.)

Vasavlyc during 25/03/204