

WAVOO WAJEEHA WOMEN'S COLLEGE

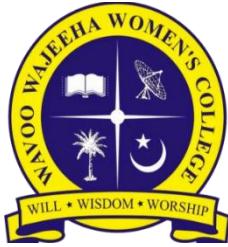
OF ARTS AND SCIENCE, KAYALPATNAM
(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)
Run by Wavoo SAR Educational Trust
(Minority Institution)



DEPARTMENT OF PHYSICS

ASSOCIATION REPORT

(2022-2023)



**WAVOO WAJEEHA WOMEN'S COLLEGE
OF ARTS AND SCIENCE, KAYALPATNAM**
(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)
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DEPARTMENT OF PHYSICS

Vision

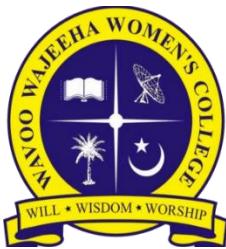
Enabling the students to ensure their full potential

Mission

- To inculcate problem solving skills for the application and empowering the students to become an independent thinker through innovative teaching.
- To impart quality education in acquiring conceptual understanding of Physics and enabling the power of Physics to the foremost scientific problems.
- To promote the public understanding of Physics by educating the next generation.
- To transform the young minds to competent professionals with good human values.

Faculty Members

1. **Mrs. S.Pushpa** M.Sc., B.Ed.,M.Phil.,SET
2. **Ms.A. Jai Nirmala** M.Sc., M.Phil.,B.Ed.,SET
3. **Dr.S.Usharani** M.Sc., M.Phil.,Ph.D.,
4. **Dr. R. Mariyal Jebasty** M.Sc., M.Phil., Ph.D.,
5. **Mrs.S.Jessie Jancyrani** M.Sc., M.Phil.,



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INAUGURATION AND A GUEST LECTURE

On behalf of Physics Department, **Ibn al-Haytham Association** was inaugurated for the academic year 2022-2023 on 17.10.2022. The activities of Physics Association started with the guest lecture on “Crystals and Nanomaterials” given by Dr. P Selvarajan, M.Sc, Ph.D, Associate Professor, Department of Physics, Aditanar College of Arts and Science, Tiruchendur.



Figure 1 Guest Lecture on Crystals and Nano Materials

INTERNATIONAL CONFERENCE

In today's fast changing world, attending a conference has become a "must" to survive in an academic discipline. For students and researchers, academic conferences help to make research on a particular subject easier. They provide access to various research activities related to a particular subject with current findings and developments anticipated from them. In this regard, an **International Conference on Functional Materials** was organized by the Department of Physics on **28.02.2023**. Resource Person **Dr.Loknath Patra, Postdoctoral Scholar, University of California, Santa Barbara USA** gave an informative talk on "**Mechanical Properties of 2D materials**". Followed this detailed visualized explanation of "**Advances in Space Science and Technology**" was delivered by **Dr. R.S.Kannu, Senior Scientist (Retd), Indian Space Research Organisation (ISRO)**. In this conference, research scholars, faculties and students from various colleges were permitted to present their research work on functional materials in the form of oral and poster presentation.



Figure 5 International Conference on Functional Materials- (ICFM-23)



Figure 6 Chief Guest issued the Certificates to the participants on ICFM-23

ASSOCIATION ACTIVITIES

Moreover Physics department association activities are scheduled on every Saturdays. In connection with this **Extempore on science topics** was conducted on 18.02.2023. The students' active participation and their performance were evaluated by Ms. A.Jai Nirmala, Assistant Professor of Physics and Mrs. Amutha, Assistant Professor of Chemistry. The objective of the competition was to make the students confident and better orators so that they can fearlessly express their views on any topic. Extempore is an excellent way to assist the students not only in spontaneous thinking but also in asserting their creative ideas with precision.

In addition to this association meeting was held on **25.02.2023**. In this meeting students gave **Interesting facts about Science** and conducted **Science Riddles**.

EXTEMPORE COMPETITION

The Department of Physics organized an Extempore Competition at II Physics Classroom on 18.02.2023, as a part of Association activity. The Competition aimed to unearth the hidden talent of students and enabling them to represent their own ideas and thoughts. Ms. A.Jai Nirmala, Assistant Professor, Department of Physics and Mrs. T. Amutha, Assistant Professor, Department of Chemistry acted as Judges for this Competition. Winners of the Competition were

| Name | Class | Place |
|-------------------|----------------|-------|
| S A K Noor Aysha | II BSc Physics | I |
| Rasul Sabana | I BSc Physics | II |
| Fathima Thasleema | II BSc Physics | III |

COMPETITION-POSTER PRESENTATION

The Department of Physics organized Poster Presentation Competition on Functional Materials at Physics Laboratory on 03.05.2023, as a part of Association activity. The Competition aimed to help students showcase their poster making skills and their ability to present their respective posters. Dr. S. Krishnaveni, Assistant Professor and Head, Department of English acted as Judge for this Competition. Winners of the Competition were

| Name | Class | Place |
|------------------|----------------|-------|
| L.Suguna | I BSc Physics | I |
| S A K Noor Aysha | II BSc Physics | II |
| B Sithi Siba | II BSc Physics | III |



Figure 7

Poster Presentation Competition on Functional Materials

CIRCULAR
DEPARTMENT OF PHYSICS

Ref: C-Students/October 2022

We are glad to inform you that our department has planned to organize Ibn-al-Haytham Association Inauguration and a guest lecture at ICT hall on 17.10.2022. All are cordially invited.

Chief Guest:

Dr.P.Selvarajan M.SC., Ph.D

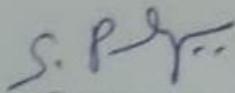
Associate Professor

Aditanar College of Arts and Science

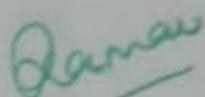
Tiruchendur

Topic:

Crystals and Nanomaterials



Convenor

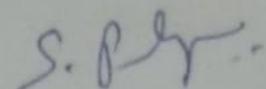


Principal

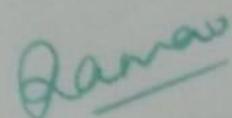
CIRCULAR
DEPARTMENT OF PHYSICS

Ref: C-Students/February 2023

We are glad to inform you that our department has planned to conduct an Extempore Competition for our department students at II-Physics Classroom on 18.2.2023. All are cordially invited.


S. B. Jyoti

Convenor


Dr. Rama Rao

Principal

CIRCULAR
DEPARTMENT OF PHYSICS

Ref: C-Students/February 2023

We are glad to inform you that our department has planned to conduct a Competition on Science Facts and Riddles for our department students at II-Physics Classroom on 25.2.2023. All are cordially invited.

S. Pr...

Convenor

Qamar

Principal

CIRCULAR
DEPARTMENT OF PHYSICS

Ref: C-Students/February 2023

We are glad to inform you that our department has planned to organize one day **International Conference on Functional Materials** at ICT hall on 28.02.2023. All are cordially invited.

Resource Person 1:

Dr.Loknath Patra

Post Doctoral Scholar

University of California

Santa Barbara, USA

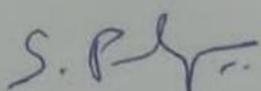
Topic: Mechanical Properties of 2D materials

Resource Person 2:

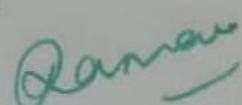
Dr.R.S.Kannu

Senior Scientist (Retd), ISRO

Topic: Advances in Space Science &Technology



Convenor



Principal


**WAVOO WAJEEHA WOMEN'S COLLEGE OF
ARTS & SCIENCE - KAYALPATNAM**
Run by Wavoo SAR Educational Trust


**International Conference On
Functional Materials (ICFM'23)**

Keynote Speaker 1

Keynote Speaker 2




DR LOKANATH PATRA
Post Doctoral Scholar
Department of Mechanical Engineering
University of California Santa Barbara
Santa Barbara, California USA-93106

DR. R.S. KANNU
Senior Scientist (Retd)
Indian Space Research Organisation (ISRO)
Mahendragiri, Tamilnadu, India

Date: 28.02.2023

Session I Time: 10.15 – 11.15 A.M
Mechanical Properties of 2D Materials

Session II Time: 11.30 - 12.30 P.M
Advances in Space Science and Technology

For Registration
Follow the Link
<https://forms.gle/YizjgdE4VGnEtSP76>

For Registration
or
Scan the QR Code



Organized by
Department of Physics
Wavoo Wajeeha Women's College of Arts and Science, Kayalpatnam
Website: www.wavooajeehacollege.com
Phone No: 04639-280900, 281500
physics@wavooajeehacollege.in

ORGANIZING COMMITTEE

CHIEF PATRON
Alhaj Wavoo S. Sayed Abdur Rahman,
Founder- President

CO-PATRONS
Hajl. Wavoo M. M. Mohuthazeem B.A., (CS),
Secretary
Haji Haftz Wavoo S. A. R. Ahmed Ishaque Aalim
M.A Azhar (Egypt)
Asst. Secretary

CHAIR PERSON
Dr. Mrs. V. Rama M. Sc., M. Phil., Ph. D., Principal
Dr. Mercy Henry M.A., Ph.D., Director
Dr. Mrs. R. C. Vasuki M. A., Ph. D., DGT., Director

CONVENOR
Mrs. S. Pushpa M.Sc., M.Phil., SET
Assistant Professor & Head

ORGANIZING SECRETARY
Dr. R. Mariyal Jebasty M.Sc., M.Phil., Ph.D.,
Assistant Professor of Physics

ORGANIZING MEMBERS
Miss. A. Jal Nirmala M.Sc., M.Phil., SET
Dr. S. Usharani M.Sc., M.Phil., Ph.D.,
Mrs. S. Jessie Jancyranj M.Sc., M.Phil.,
Mrs. T. Amutha M.Sc., M.Phil.,

**INTERNATIONAL CONFERENCE
ON FUNCTIONAL MATERIALS
(ICFM-23)**

Registration form

Name: _____

Designation: _____

OfficeAddress: _____

Address for Communication: _____

Mobile : _____

E-mail : _____

Paper presentation:
(Yes/No)
If Yes,Title _____

Signature of the Applicant:

For Further details contact

Mrs.S. Pushpa
Head, Department of Physics
8508438911, 8610669388
physics@wavoowajeehacollege.in

WAVOO WAJEEHA WOMEN'S COLLEGE
OF ARTS AND SCIENCE
KAYALPATNAM-628264
THIRUVANANTHAPURAM DISTRICT, TAMIL NADU

Regd by: WAVOO BAR EDUCATIONAL TRUST
(Minority Institution)




**INTERNATIONAL CONFERENCE
ON FUNCTIONAL MATERIALS (ICFM-23)**
28-02-2023, Tuesday
ORGANIZED BY
DEPARTMENT OF PHYSICS
Email: physics@wavoowajeehacollege.in



Website: www.wavoowajeehacollege.com
Phone: 04639-280900, 281500



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INTERNATIONAL CONFERENCE ON FUNCTIONAL MATERIALS (ICFM-23)

Programme Schedule

Inaugural session

Date: 28.02.2023 Time: 9.30 A.M.

| | | |
|---------------------------------|---|--|
| • Quirath | : | M.A.K.B.Mohamed Fathima III B.Sc., CS |
| • Tamil Thai Vazhthu | : | |
| • Welcome Address | : | Mrs. S. Pushpa M.Sc., M.Phil., SET Head, Department of Physics |
| • Honouring the Chief Guest | : | Alhaj Wavoo S.Seyed Abdur Rahman Founder – President |
| • In the presence of | : | Wavoo W.M.M. Mohuthazeem B.A.,(CS) Secretary Haji Hafiz Wavoo S.A.R. Ahmed Ishaque Aalim, M.A.,Azhari (Egypt) |
| • Presidential Address | : | Assistant Secretary Wavoo W.M.M. Mohuthazeem B.A.,(CS) |
| • Inaugural Address | : | Secretary DR. V Rama., MSc., MPhil., PhD., Principal |
| • Technical Session I | : | |
| Introducing the Resource Person | : | Dr. S. Usharani |
| Resource Person | : | Dr. Lokanath Patra, Postdoctoral Scholar, USA |
| Topic | : | Mechanical Properties of 2D Materials |
| • Tea Break | : | |
| • Technical Session II | : | |
| Introducing the Resource Person | : | Mrs. S. Jessie Jancyrani |
| Resource Person | : | Dr.R.S. Kannu , Senior Scientist (Retd.), ISRO |
| Topic | : | Advances in Space Science and Technology |
| • Lunch Break | : | |
| • Oral/Poster Presentation | : | |



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INTERNATIONAL CONFERENCE ON FUNCTIONAL MATERIALS (ICFM-23)

Programme Schedule

Valedictory session

Date: 28.2.2023

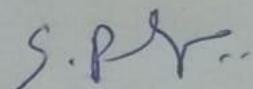
Time: 2.30 P.M.

- Welcome Address : Miss. A. Jai Nirmala M.Sc., M.Phil., SET
Assistant professor of Physics
- In the presence of : Alhaj Wavoo S. Seyed Abdur Rahman
Founder – President
Wavoo W. M. M. Mohuthazeem B.A.,(CS)
Secretary
Haji Hafiz Wavoo S.A.R. Ahmed Ishaque Aalim,
M.A.,Azhari (Egypt)
- Valedictory Address : DR. V. Rama., MSc., MPhil., PhD.,
Principal
Assistant Secretary
- Feedback by Participants
- Certificate Distribution
- Vote of Thanks : Dr. R. Mariyal Jebasty M.Sc., M.Phil., Ph.D.,
- Duah
- National Anthem

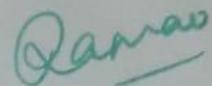
CIRCULAR
DEPARTMENT OF PHYSICS

Ref: C-Students/May 2023

We are glad to inform you that our department has planned to conduct Poster Presentation Competition on "Functional Materials" for our department students at Physics Laboratory on 03.05.2023. All are cordially invited.


S.P.R..

Convenor


Qamar

Principal