

# Re-accredited with B Grade by NAAC Chunkankadai, Nagercoil

# **DEPARTMENTAL ACTIVITIES (2024-2025)**

# ASSOCIATION INAUGURATION and CERTIFICATE DISTRIBUTION CEREMONY

**Resource Person**: Dr. V. Bena Jothy, Head of the Department of Physics, Women's

Christian College, Nagercoil.

**Date & Time** : 21.06.2024, 10:30 AM

No. of Participants: 55

### **Objectives:**

• To provide a platform for members to network, share ideas and collaborate.

- To promote the associations activities, upcoming events and initiatives.
- To outline the mission, vision and goals of the association.

The event began at 10:30 AM in the College Seminar Hall, with a soulful rendition of a prayer by the department's choir.

The event commenced with a warm welcome by Dr. M. R. Meera, Head of the Department of Physics followed by the lighting of the ceremonial lamb by distinguished guests, symbolizing the start of a new journey.

Dr. V. R. Anjana, the Principal delivered an inspiring Presidential address, outlining the vision and goals of the association.

The event was inaugurated by Chief Guest Dr. V. Bena Jothy, Head of the Department of Physics, Women's Christian College, Nagercoil with her uplifting inaugural address. Her galvanizing speech about Marie Curie set a positive and enthusiastic tone for the event, inspiring attendees to look forward to the exciting opportunities ahead.

Ms. Thanupriya MSc (IT), Activity Manager, Synergy School of Business, Nagercoil delivered a special address that captivated the audience followed by the feedback session, providing an opportunity for attendees to share their thoughts and suggestions. The feedback session was highly productive and will helps to enhance the planning and execution of upcoming events and initiatives.

The highlight of the event was the certificate distribution ceremony. Certificates were awarded to members who had successfully completed the programs. The Principal and the

Chief Guest presented the certificates, applauding the recipients for their hard work and dedication.

Dr. P. V. Radhika, Assistant Professor of Physics delivered vote of thanks by expressing deep gratitude to all the dignitaries, guests and members who attended and contributed to the success of the event.

The ceremony concluded with the National Anthem.

#### **Outcomes:**

- The success of the inauguration ceremony set a high standard for future events, providing a template for organization and execution.
- The feedback session provided critical insights into members' expectations and suggestions for future activities.
- The event was a great success, providing valuable insights and knowledge to all participants.

- 1. Convenor Dr. M.R. Meera, HOD & Assoc Prof of Physics
- 2. Dr. P. V. Radhika, Asst Prof of Physics















# **ALUMNI MEETING**

**Resource Person**: Dr. V. Bena Jothy, Head of the Department of Physics, Women's

Christian College, Nagercoil, Dr. R. Janatha Kumari, Associate

Professor of English, Sree Ayyappa College for Women, Chunkankadai.

**Date & Time** : 05.07.2024, 10:30 AM

No. of Participants: 24

#### **Objectives:**

- To promote and facilitate mentorship opportunities where alumni can guide current students or recent graduates in their career paths.
- To facilitate opportunities for alumni to reconnect with old friends, classmates, and faculty and to network with fellow alumni for personal and professional growth.

The event aimed to bring together former students, faculty and staff to reconnect, network and engage with the university community.

The alumni meeting commenced with a welcome address delivered by Dr. M. R. Meera, Head of the Department of Physics. The address set the tone for the event, emphasizing the importance of alumni engagement and community building.

Dr. V. Bena Jothy, Head of the Department of Physics, Women's Christian College, Nagercoil delivered a special address. Her talk encouraged everyone to cherish their memories, celebrate their present achievements, and look forward to the future with optimism and determination.

Dr. R. Janatha Kumari, Associate Professor of English, Sree Ayyappa College for Women, Chunkankadai also shared inspiring stories from their own professional journey, illustrating how the lessons learned and connections made at college have been a foundation to their success. These anecdotes served as a source of motivation for recent graduates, demonstrating the far-reaching impact of a solid educational foundation.

#### **Outcomes:**

- Structured networking sessions facilitated meaningful exchanges among alumni, enhancing their personal and professional networks.
- Attendees reported a strong sense of belonging and community, reinforcing their connection to the university and each other.

- 1. Convenor Dr. M.R. Meera, HOD & Assoc Prof of Physics
- 2. Dr. P. V. Radhika, Asst Prof of Physics

















# **CAREER GUIDANCE PROGRAMME**

Resource Person : Ms. Thanupriya MSc (IT), Activity Manager, Synergy School of

Business, Nagercoil and Ms. Satha B. Com, Technical Trainer, Synergy

School of Business, Nagercoil.

**Date & Time** : 12.07.2024, 11:00 AM

No. of Participants: 30

#### **Objectives:**

- To help participants identify their strengths, weakness, interests, and values.
- To provide information on various career paths, industries, and job roles.
- To develop and enhance essential skills such as communication, problem-solving and leadership.
- To teach techniques for handling different types of interviews including behavioural and technical interviews.
- To establish a support system to help individuals navigate career challenges and changes.

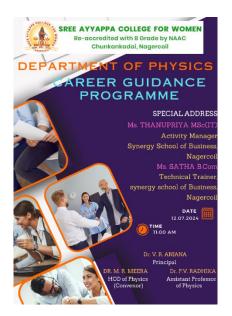
Dr. Meera, Head of the Department of Physics, and the Organizing Secretary of the event, welcomed all the participants and guests.

Career guidance is crucial for individuals navigating their professional journey. It provides insights into one's strengths, interests, and skills, helping to align personal attributes with suitable career paths. Special address was delivered by Ms. Thanupriya MSc (IT), Activity Manager, Synergy School of Business, Nagercoil. The address focused on the significance of career guidance in personal and professional development and provided insights into the evolving job market and necessary skills for success.

#### **Outcomes:**

- Participants reported a better understanding of their strengths, interests and values helping them make more informed career choices.
- Exposure to a variety of career options and industries expanded participants' knowledge and possibilities
- Participants felt better prepared for the transition from education to the workplace.

- 1. Convenor Dr. M.R. Meera, HOD & Assoc Prof of Physics
- 2. Dr. P. V. Radhika, Asst Prof of Physics











# **EXTENSION ACTIVITY ON ENERGY AUDIT**

Institution : Sri. Namasivaya Moorthigal Hindu Vidyalaya Matric. Hr.

Sec. School, Krishnancoil, Nagercoil

**Date & Time** :19.07.2024, 10:30 AM

No. of Participants: 70

# **Objectives:**

• To make the students understand the importance of conservation of energy

- To review and analyze energy usage history of the consecutive months in the year 2024.
- To identify and explain about the remedial measures to conserve energy

The event began at 11 AM in the Atal Laboratory of Sri. Namasivaya Moorthigal Hindu Vidyalaya Matric. Hr. Sec. School, a warm welcome by Dr K J Abhirama Assistant Professor, Department of Physics, Sree Ayyappa College for women, Chunkankadai.

The event was inaugurated by Dr. M. R. Meera, Head of the Department of Physics, Sree Ayyappa College for women, Chunkankadai with her uplifting inaugural address about conservation of energy. She Speaks about what is energy audit and the importance of conservation of energy.

Aarthy R L and Manibala P S of III B.Sc Physics, Sree Ayyappa College for women Chunkankadai have given a wonderful interacting section among the students about the crisis, importance and purpose of conserving energy.

Abinaya P S of II B.Sc Physics delivered a speech on career opportunities in Physics.

Dr. C U Bhadra, Assistant Professor of Physics delivered vote of thanks by expressing deep gratitude to all the students, Principal Mrs T Padma and staff members of Sri. Namasivaya Moorthigal Hindu Vidyalaya Matric. Hr. Sec. School, Krishnancoil, Nagercoil for their support and contribution for the success of the event.

Then we have taken the survey of number of class rooms, lights, fans, computers, air conditioners and other electrical appliances in the school and analyze the electric bills of the consecutive months. The questionnaire on energy audit was distributed among the students to know their views.

The ceremony concluded with the National Anthem.

#### **Outcomes:**

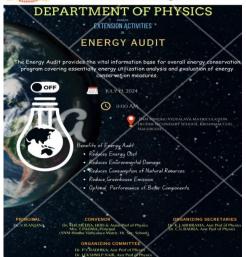
- From the answers in the questionnaire, students are taking necessary steps to reduce the energy usage in school at their level best.
- By analyzing the energy EB bills we came to know that the school is paying huge for electricity.

#### **Remedial Measures**

- Advised to install solar panels in main buildings.
- Insist them to use environment friendly energy sources.

- 1. Convenor Dr. M.R. Meera, HOD & Assoc Prof of Physics
- 2. Organizing Secretaries
  - Dr K J Abhirama, Asst Prof of Physics
  - Dr C U Bhadra, Asst Prof of Physics
- 3. Organizing Members
  - Dr P V Radhika, Asst Prof of Physics
  - Dr Lekshmi P Nair Asst Prof of Physics















#### A session on "INFECTIOUS DISEASES – AN OVERVIEW

**Resource Person**: Dr. Rajesh, Junior Orthopaedic Resident, Krishna Kumar Orthopaedic

Hospital, Nagercoil.

**Date & Time** : 26.07.2024, 1:30 PM

No. of Participants: 110

### **Objectives:**

• To review common symptoms and signs associated with different infectious diseases.

- To outline strategies for preventing infectious diseases.
- To encourage participants to stay informed about infectious diseasea and adopt practice that minimize risk.

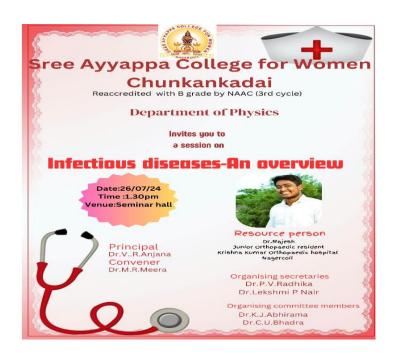
A session on "INFECTIIOUS DISEASES – AN OVERVIEW was organized in the Seminar Hall on 26/07/24 at 1.30pm. The Convener of the program was, Dr. M.R. Meera, Associate Professor and Head, department of Physics.

The Principal In-charge of our college Dr. J. Prasana Kumari delivered the presidential address. Compering the Aarthy of 3<sup>rd</sup> BSc Physics. The Resource person was Dr. Rajesh, Junior Orthopaedic Resident, Krishna Kumar Orthopaedic Hospital, Nagercoil. The Resource person briefly explained the infectious diseases, how they spread and what are measures can be taken to stop the spreading of the various infectious diseases. He also focused on the emergency measures to be followed while a patient gets fainted due to heart attack, also explained the difference between the heart attack and heart failure.

#### **Outcomes:**

- The participants have a clear understanding of what infectious disease are, including their causes and how they spread.
- Participants gain insight into current treatment options and the importance of appropriate medical care.

- 1. Convenor Dr. M.R. Meera, HOD & Assoc Prof of Physics
- 2. Organizing Secretaries
  - Dr P V Radhika, Asst Prof of Physics
  - Dr Lekshmi P Nair Asst Prof of Physics
- 3. Organizing Members
  - Dr K J Abhirama, Asst Prof of Physics
  - Dr C U Bhadra, Asst Prof of Physics









# ONE – DAY WORKSHOP ON CAREER GUIDANCE

Resource Person: Mr. Akhilesh Bhuvanendran, ICT Certified Life

Coach and SHRM Certified Soft Skill Trainer, MaxAhead.

Venue : Seminar Hall

**Date & Time** : 02/08/2024;10 AM -3.30 PM.

# **Total Participants:77**

## **Objectives:**

- > To empower individuals to make informed career choices and to achieve their professional goals effectively.
- To help individuals define their career goals and aspirations.
- ➤ To identify and develop skills and qualifications necessary to succeed in career paths.

The event began with a prayer song by final year students of department of physics. Dr. K. J. Abhirama, organizing secretary of the event welcomed the gathering. Presidential address was given by Dr. J. Prasanna kumari Principal in charge, Sree Ayyappa College for Women. Dr. M. R. Meera, convener and Head of the Department of Physics, Sree Ayyappa College for Women presented the key note address. Resource person Mr. AKHILESH BHUVANENDRAN, ICT Certified Life Coach and SHRM Certified Soft Skill Trainer, MaxAhead delivered the special address. In the event he highlighted Career Planning & Goal Setting, Financial Planning & Time Management, Making Use of Skills & Potential. Some activities and exercises were provided to the participants in between the sessions by splitting them into four groups. Feedback regarding the event was collected using Google forms. Dr. C. U. Bhadra, organizing secretary of the event delivered the vote of thanks. The event ended with National Anthem.

#### **Outcomes:**

- ➤ The individuals are capable of developing short term and long term goals related to their career.
- The individual can identify their strengths, interests, values and traits.
- The individual can make decisions about their career paths.

- 1. Conveners
  - Dr. M.R. Meera, HOD & Assoc. Prof of Physics
  - Dr. S.R. Sudhambika, Librarian
- 2. Organizing Secretaries:
  - Dr.K.J.Abhirama, Asst. Prof of Physics
  - Dr.C.U.Bhadra, Asst .Prof of Physics
- 3. Organizing Members:
  - Faculty of Physics Department
  - Members of Placement Cell









# Power point Presentation by Students on Remembrance of Hiroshima Nagasaki Day

Date: 08-08-2024

Venue: Seminar Hall

# **Objectives:**

- To ensure participants gain a comprehensive understanding about the event.
- Foster discussion about how societies can work towards preventing future conflicts and promoting global peace

The event began at 12.00 PM in the College Seminar Hall, with a soulful rendition of a prayer by Madhumita K S of I B.Sc Physics

Dr P V Radhika, Assistant Professor of Physics, Sree Ayyappa College for Women welcomed all the staff members and participants.

Dr Lakshmi P Nair, Assistant Professor of Physics gave presidential address, setting the tone for the event

The main focus of the event was the "Power point Presentation by Students on Remembrance of Hiroshima Nagasaki Day". Our Department Alumni and Students of three years have given wonderful presentations about the History and Effects of Hiroshima Nagasaki Bomb blast.

Miss Aarthy. R. L. a third-year Physics student, expressed gratitude on behalf of the organizing committee and thanked all the attendees. The meeting concluded at 1.30 PM.

#### **Outcomes:**

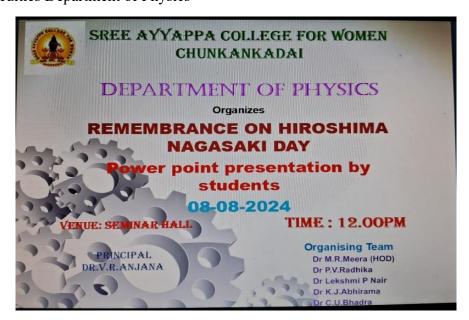
- Participants have a well-rounded understanding about the events.
- Participants gained insight into the human suffering and long term consequences experienced by survivors and their descendants.

# List of candidates presented

| 1.Pavisha        | Alumni (2024)    |
|------------------|------------------|
| 1. Manibala P S  | III B.Sc Physics |
| 2. Snekha S      | III B.Sc Physics |
| 3. Shobhika M R  | II B.Sc Physics  |
| 4. Rama Devi R H | I B.Sc Physics   |
| 5. Madhumita K S | I B.Sc Physics   |

### **Organizing Team**

• Faculties Department of Physics





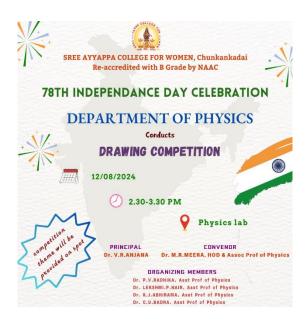




# Presentation by our alumni



# 78th INDEPENDENCE DAY COMPETITIONS – 2024



# **List Of Participants Pencil Drawing Competition**

|    |   | HUNKANKA            |              |                 |
|----|---|---------------------|--------------|-----------------|
|    | We Department o                             | RTMENT OF P         |              | Commettel       |
|    | We Department o<br>regarding Independence D | av Celebration 20:  | 24 on 12-08- | -2024 at 2.30pm |
| 1  | n Physics Lab.List of Parti                 | cipants are given b | elow         |                 |
| S  |   | he Class            | Token        | Signature       |
| No | Participants                                |                     | No           |                 |
| 1  | Aarthy R.L.                                 | IIIB.Sc Physic      | 54           | starting.       |
| 2  | Preethi C.S.                                | IIIB.Sc Physic      | s 52         | Preetti.        |
| 3  | Keerthika J.                                | IIIB.Sc Physic      | 5 59         | J-Keerthika     |
| 4  | Priyatharshini S.                           | IIIB.Sc Physic      | s 58         | S. Buyathanki   |
| 5  | Abinaya P.S.                                | IIB.Sc Physics      |              |                 |
| 6  | Saranya S.S.                                | IIB.Sc Physics      | 22           | Saranya s.s     |
| 7  | Abinsha R.                                  | IIB.Sc Maths        | 49           | R.Abinsha       |
| 8  | Abinaya S.G.                                | IIB.Sc Maths        | 2            | Stollinger.     |
| 9  | Harani P.R.                                 | IIB.Sc Maths        | 9            | Hagani.         |
| 10 | Anandhi R.                                  | IIB.Sc Maths        | 53           | R. Anandhi:     |
| 11 | Manju Pashini R.R.                          | IIB.Sc Maths        | 50           | Marketin        |
| 12 | Aswatha G.                                  | IIB.Sc Maths        | 51           | G- Assocition   |
| 13 | Sabitha N.                                  | IIB.Sc Maths        | 48           | N. Sabithe      |
| 14 | Sowmiya T                                   | IIB.Sc Maths        | 40           | T. Sowmiya      |
| 15 | Archana KS                                  | IIB.Sc Maths        | 43           | De S            |
| 16 | Rahila R.K.                                 | IIB.Sc Maths        | 46           | Pohile Pit      |
| 17 | Gopika V.                                   | I B.Sc Maths        | 712          | Caobilea.v.     |
| 18 | Navanitha S.A.                              | I B.Sc Maths        |              |                 |
| 19 | Janani M                                    | I B.Sc Maths        |              |                 |

|                                   | IB.Sc Maths     | 1   |           |          |
|-----------------------------------|-----------------|-----|-----------|----------|
|                                   |                 | -   |           |          |
| 20 Anisha C.                      |                 |     | R. N. Hua |          |
| 20 Anisha C.<br>21 Gayathri S. M. | IB.Com (Self)   | 36_ | N.        |          |
| noshma moi                        | IB.Com(Self)    |     |           |          |
| - Cubia Ri                        | IB.Com(Scalf)   |     |           |          |
| with S.                           | IIIB.Com(Self)  | -   |           |          |
| Lavanya A                         | IIIB.Com(Self)  |     |           |          |
|                                   | IIIB.Com(Self)  |     |           |          |
|                                   | IIB.Com         |     | 10.1      | e mine   |
| 8 Ancy Harina S.                  | IIB.Com         | 28  | South     | _I pring |
| Sruthi S<br>Pooja S.S.            | IIB.Com         | 15  | Poola     |          |
| Parvathy S. L.                    | IIB.Com         | 31  | Darvartys | -        |
| Anusha M.                         | IIB.Com         | 14  | Anusha M  |          |
| Fathima Afreen                    | IIB.Com         | 33  | - Hittery |          |
| Pushpa Latha                      | IIIB.Com        | 30  | Pusting   |          |
| Rasika A.                         | I B.A.English   |     |           |          |
| suriya                            | I B.A.English   | 29  | mourya    |          |
| leffrisha J                       | III B.A.English | 34  | Tillaide  |          |
| Iolin A.                          | III B.A.English | ,   | 10        |          |
| Chenpakam R.S.                    | III B.A.English | 35  | chepatra  | -I pring |
| Gopika V                          | II M.A.English  | 1   | V.GODKa.  |          |
| Brintha M.                        | II M.A.English  |     |           |          |
| Anusha M.                         | II M.A.English  |     |           |          |
| Sharmila K.                       | II M.A.English  |     |           |          |
| Meenu C.V.                        | II M.A.English  | 38  | Negau     |          |
| Aathira S.P.                      | I B.A.History   |     |           |          |
| P.R.Harani                        | II B.Sc Maths   |     |           |          |
| R.Anandhi                         | II B.Sc Maths   |     |           |          |

| 48  | R.R.Manju Pashini | II B.Sc Maths   |        |               |
|-----|-------------------|-----------------|--------|---------------|
| 49  | G.Aswatha         | II B.Sc Maths   |        |               |
| 50  | N.Sabitha         | II B.Sc Maths   |        |               |
| 51  | T.Sowmiya         | II B.Sc Maths   |        |               |
| 52  | K.S.Archana       | II B.Sc Maths   |        |               |
| 53  | R.K.Rahila        | II B.Sc Maths   |        |               |
| 54  | V.Gopika          | I B.Sc Maths    |        |               |
| 55  | S.A.Navanitha     | I B.Sc Maths    |        |               |
| 56  | M.Janani          | I B.Sc Maths    |        |               |
| 57  | C.Anisha          | I B.Sc Maths    |        |               |
| 58  | SJINIMOL          | TL. BA Eng      | 55     | Jinimois .    |
| 59. | HARSHINI B        | I. BAEN         | 57     | Harshinib     |
| 60  | KEERTHIKA. G.     | TI BA His       | 44     | Keerthika     |
|     | PAVITHA. K.N.     | D. B. A His     | 45     | Parifaxv.     |
| 62  | SEETHARAHIMI.A    |                 | 41     | Seet a Rahini |
| 3.  | DIVYA. D.G        | J.B.Sc<br>malls | 43     | Diya.         |
| 4 - | Gopika K          | 11 -His(T)      | 56     | Cropitor      |
|     | Tharani, G.V.     | D. D. Com       |        | Tharan:       |
|     | Chithra Devi. s   | D MA Eng        | lish 3 | 7 Chiolina    |

# **Evaluation Sheet of Judges**

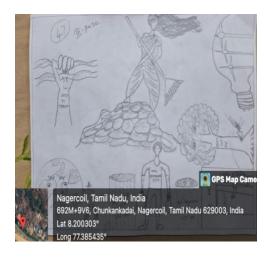


| 19   | 15            | D        |              | D     | Disqualified          |
|------|---------------|----------|--------------|-------|-----------------------|
| 20   | 31            | D        | D            | D     |                       |
| 21   | 14            | D        | D            | D     | ,,                    |
| 22   | 33            | D D D    | D            | D     | 33                    |
| 23   | 30            | D        | D            | 2     | 4.5                   |
| 24   | 2.9           | 1.5      | D            | D     | 20                    |
| 25   | 34            | 1.5<br>D | 2            | D     | 2                     |
| 26   | 35            | 6        | 5.5          | 5.75  | 17.25 (II)            |
| 27   | 01            | 6        | 1            | 1     | 3                     |
| 28   | 38            | 9-       | 3            | 3     | 8.5                   |
| 29   | 55            | 2:5<br>D | D            | D     | D.                    |
| 10   | /57           | 2        | D 2          | 3     | 8                     |
| 1    | 44            | 3 2      | 2            | 3     | 8<br>7<br>8<br>7<br>9 |
| 32   | 45            |          | 3            | 2     | 8                     |
| 33   | 41            | 3        | 2            | 2     | 7                     |
|      | 43            | 3        | 2 3          | 2     | a                     |
|      | 56            | 3        | 3.75         | 3     | 10.25                 |
|      | 32            | 3.5      |              | 3     |                       |
|      |               | 2        | 2            | 2     | C                     |
|      | 37            | 3        | 2.5          | 3     | 8.5                   |
| e 1: | Dr. Anitha. T | M.B IV   | The state of |       | I hore.               |
|      | 10            | Ken: No  | , - 3        | 5 - 1 | Prize.                |

# PENCIL DRAWING COMPETITION PICTURES











# **Prize Winners List**

| Name of the students | Class                            | Prize  |
|----------------------|----------------------------------|--|
| Sruthi.S             | II B.Com                         | I Prize  |
| Chenpagam. R.S       | III B.A English                  | II Prize   |
| Archana.K.S          | II B.Sc Maths                    | III Prize  |
|                      |                                  |  |
|                      | students Sruthi.S Chenpagam. R.S | Sruthi.S II B.Com Chenpagam. R.S III B.A English |

- Convenor Dr. M.R. Meera, HOD & Assoc Prof of Physics
- Organizing Members
  - Dr K J Abhirama, Asst Prof of Physics
  - Dr C U Bhadra, Asst Prof of Physics
  - Dr P V Radhika, Asst Prof of Physics
  - Dr Lekshmi P Nair Asst Prof of Physics