

DEPARTMENT OF PHYSICS
ACTIVITY REPORT-(2022-2023)

1* Freshers Day -(2022-23)**

SIP conducted by Dept.of Physics on 5/8/2022

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All the Staff members, senior students and junior students were assembled in room no 24 . at 10.00 am. To begin with, all the teachers introduced themselves in brief. Then asked the students to introduce themselves one-by- one in a language they are comfortable with. Senior students then conducted some games like quiz, mono act, duet dance etc...Light refreshments were given to all ...All the staff members have given their views on subject like role we play as human being at multiple levels, self, family, hostel, institution, nation, world and nature.

2**75th AZADI Ka AMRIT MAHOTSAV Celebration:13/8/2022**

Chief guest: Dr.V.R. THEIVA PRAKASH

CHIEF MEDICAL OFFICER

PRAKASH HOSPITAL

VILLUKKURY

Flag hoisting ceremony:9.30-10.30 am

CULTURAL PROGRAM-10.30-1.30pm

Function was organized by the department of Physics. All the Staff members(58) and students(734) have enjoyed the program

3* DEPARTMENT OF PHYSICS—(2022-2023)**

ASSOCIATION MEETING—REPORT (29/9/2022)

An association meeting of the Physics Association was conducted on 29/9/2022 at 10.00 am in the College Seminar Hall.

Dr. Carmal Vigila Bai, Assistant Professor of Physics, Government Arts and Science College, Konam, Nagercoil was the Chief Guest. Meeting was started at 10.00 am. College Principal Dr. K.V. Jayasree presided over the function. Head of the Department Dr. I.S. Prameela Kumari introduced the Guest (Alumni of Physics Dept. 1990 batch) to the audience and proposed the Welcome address.

The Chief Guest delivered an interesting talk on the Topic: OUR LIFE WITH PHYSICS. She has explained the application of physics in our day today life through power point presentation. The interaction with the audience was very interesting and useful. She also explained the Scope of PHYSICS in a simple manner. All the physics students(90) and Staff members from various departments have participated. Physics Association Secretary Miss. Amritha Varshini proposed thanks to the students for electing her as the secretary. Dr. P.V. Radhika proposed Vote of thanks. Meeting came to an end at 12.30 pm

4 SKILL DEVELOPMENT-Training Program(Oct26-Nov1 2022)-Report**

In the academic year 2022-2023 ,Department of Physics of Sree Ayyappa College for Women organizes one week (October 26,2022 - November 1,2022) training program in employability skills to the female students conducted by Naandi Foundation and Mahindra Pride Classroom. Mr.Paul Ravichandran was our trainer.On the first day, the trainer Mr. Paul Ravichandran began the training program with a brief self introduction. He also dealt with the topic " I am Unique" and made every student prepare a shield describing everything about one's life. Also, the trainer introduced himself and spoke in detail about the naandi foundation.day 2 began with the topic "body language and professional grooming". he also helped the students about the importance and ways to create a first impression. the importance of english in communication was also explained in detail. several tips to improve grammar, pronunciation and vocabulary were also discussed in the class. students were made to learn new words every day by giving them work to be done at home.goal setting was another important topic that was discussed in class. group activity was also given in order to enhance teamwork. students were made to prepare a chart on the given topics and were made to explain them. Day 3 focused on the topic of "Time Management" and "Professional Communication".The format of an email was taught to the students and a group activity on money management was also explained in detail.Day 4 stressed on the topics "Critical Thinking" and "Conflicts in Communication and Management". The seven C's of effective communication was dealt with along with the qualities of problem solving.Day 5's topics were the impact of a good resume and how to do a good one. Students were made to perform in a group discussion that was conducted in the same manner as in a company.The final day of the training program began with a group activity on varied topics that were explained along with a PowerPoint presentation by the students. The session completed with an elaborate discussion on how to attend an interview, how to face itand answer common and expected questions. The trainer concluded by narrating his personal and professional experience and how to balance both in life. Above all, on a farewell note, he assured that the company would visit the students for recruitment in a few months and conveyed their wishes and blessings to the students.

5*ESSAY WRITING COMPETION**

75
Azadi Ka
Amrit Mahotsav



SREE AYYAPPA COLLEGE FOR WOMEN

Chunkankadai, Kanyakumari District, Tamil Nadu
Re - accredited by NAAC with B grade (3rd cycle)

DEPARTMENT OF PHYSICS

Date: 29.09.2022

Venue: Seminar Hall



ARIVAL SANGAM

அறிவியல் சங்கம்

Time: 10 AM

PRIZE DISTRIBUTION CEREMONY FOR ESSAY WRITING COMPETITION

Sponsored By

VIJNANA BHARATH, ARIVAL SANGAM, TAMILNADU

Chief Guest : Dr.G.M.CARMEL VIGILA BAI M.Sc.,Ph.D.,P.G.D.C.A.

Assistant Professor & Head
Department of Physics
Government Arts & Science College,
Konam, Nagercoil - 629 004
Kanyakumari Dt, Tamilnadu, India

Dr. M.R.Meera
Program Co-ordinator

Dr. I. S. Prameela Kumari
Head of the Department of Physics

Dr. K. V. Jayashree
Principal

Dr. I.S. PRAMEELA KUMARI

M.Sc., B.Ed., M.Phil., Ph.D.

Associate Professor & Head

Department of Physics

Sree Ayyappa College for Women

Chunkankadai, Nagercoil

Kanyakumari Dist. - 629 003



Dr. K. V. JAYASHREE M.Sc., M.Phil., Ph.D.
PRINCIPAL
Sree Ayyappa College for Women
Chunkankadai

Dr. Meera M.R.

SREE AYYAPPA COLLEGE OR WOMEN
REPORT OF ESSAY WRITING COMPETITION

A College level essay writing competition was held by SreeAyyappa college for women in association with the Arivial Sangam of Tamilnadu and Vijnana Bharathi, to mark the contribution of freedom fighters, Indian Scientists, especially our greatest world renowned Physicist and Nobel prize winner, Sri Chandrasekar Venkata Raman. The essay writing competition was organized on the topic "SIR C V Raman-as we see him ". The competition was held in both Tamil and English languages.

Dr. M R Meera, Assistant professor of physics was the coordinator of the program. Participation of all the departments of the college is ensured by notifications communicated. In total, 35 students from various departments of the college have participated in the competition. The date of the competition was 23rd September 2022, and the venue was the seminar hall of Sree Ayyappa College for women. The scheduled time was from 1 to 3.30 pm. Prior to the competition, Name of all the participants, phone numbers, mail ids, and course details were collected. The study material was provided to all the participants who have registered for the competition. An entry fee of Rs 50 was collected from the participants.

Each student was provided with token number and they were seated accordingly. Our principal Dr. K V Jayashree has officially inaugurated the event and the Programme was held under the supervision of the coordinator Dr. M R. Meera. The rules and regulations were read by the Head of the Department of Physics Dr. I S Prameela Kumari. The students were provided with sealed A4 papers to write the essay. The event started at 1.00 and was concluded at 3.30 pm. The essays were collected from the participants and were placed for evaluation before the judging panel. The judging panel evaluated the essays of all the participants thoroughly and the results were declared on 29th September 2022. The prize distribution ceremony also was held at the seminar hall. Dr. G M Carmel Vijila Bai, Assistant professor and head of the department of physics, Government arts and science college, Konam, Nagercoil was the chief guest of the day. The judging panel members are :

Dr. I. S. Prameela Kumari, Head of the department of physics.

Mrs. Ajitha, Associate professor, Department of Physics

Dr. R. Janatha Kumari, Assistant Professor, Department of English.

Dr Krishna Veni, Assistant Professor, Department of Tamil.

Dr. T. Anitha, Assistant Professor, Department of History.

The first prize was secured by **Miss. Praveena** of third year physics. She was awarded with a cash prize of Rs.3000/- and a duly signed certificate. The second prize was won by **Miss. Subhashini** and a cash prize of Rs2000/- and a duly signed certificate was awarded. The third prize was secured by **Miss. Adithya Vinod Kumar**. She was awarded with a cash prize of Rs 1000/- and a certificate.

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6*** Association meeting 24/02/2023

- Report

An association meeting of Physics department was conducted on 24/2/2023 in the college seminar hall at 10.00am. Dr. C. Gnanasambandham, Associate Professor of Physics, S.T.Hindhi College was the chief guest.

Function was started with a prayer song sung by second year students. HOD Dr. I.S. Prameela Kumari introduced the guest and proposed Welcome address. Dr. K.V. Jayasree, College Principal, in her presidential address encouraged our students to participate in all activities and develop good personality.

Dr. C. Gnanasambandan delivered an interesting talk on Radioactivity-radiation and various effects. Through power point presentation, he explained how energy is released from an atom, radioactivity, types of radiation, its positive and negative effects. Students cleared their doubts through oral questions. 100 students and 10 staff members attended the function. At the end of the session Chief Guest has distributed prizes for the students who have participated in various competitions outside our campus.

Association Secretary Amritha Bharathi proposed vote of thanks. Meeting came to an end at 12.00pm.

7* KALLURI KANAVU INITIATIVE—Nan Muthalvan**

Date: 23/3/2023

As a part of this initiative 120 students and teachers from nearby colleges visited our college. Our department students interacted with them and encouraged the school students to pursue higher education.

8*** SREE AYYAPPA COLLEGE FOR WOMEN**

DEPARTMENT OF PHYSICS

A Session was conducted by the Department of physics on the topic: Data analytics and Tableau. The resource person of this program was Dr.Rimal Isaac R S, Assistant professor in Nanotechnology, Noorul Islam centre for higher education, Tamilnadu. This session was conducted on 18th April 2023, 10 AM at the seminar hall. The Programme is organized by Dr.M.R.Meera, Assistant Professor of Physics.

The organizing committee of this program was:

- DR K V Jayashree,Principal.
- DR I S PrameelaKumari, HOD of Physics.
- MRS R G Ajitha, Associate professor of physics.
- DR C S Jayasree, Associate professor of physics.
- DR M R Meera, Assistant professor of physics.
- DR P V Radhika, Assistant professor of physics.

Ms. Niranjana Govind was the host of this program. Welcome address was given by Ms. AshwathiChandran of third physics. The resource person started the session by presenting the PPT. He clearly explained about the need of datas in our daily life. He taught the students to extract data and connect it to the tableau software. He also explained how to work on the tableau app and produce various results like graphs,piecharts etc. He also practically demonstrated

9**Sree Ayyappa College for Women, Chunkankadai.**

Department of Physics

Extension Activity – Report

April 5th 2023

An extension activity was organised by Dr.M.R. Meera & Dr. P.V. Radhika of Department of Physics on April 5 2023. The teaching, nonteaching staff and 75 students from our department have participated in the activity.

We all went to “MANOLAYA” – Centre for Treatment and Rehabilitation of Mentally ill, 4/133/4, Chardep Nagar, Achankulam, Potrayadi post, Kanyakumari dist. The students has done voluntary service in the centre.

Special lunch has been provided by our students to the members in the rehabilitation centre and they were entertained with cultural programs.

The program started at about 11.30 am with a prayer song sung by Jeisha D & Anushya M of III BSc Physics. Compering the program is done by Drisha of III BSc Physics.

Various cultural programs were presented by our department students. Some programs were presented by some of the talented persons of “MANOLAYA”. Dr. M.R. Meera, Asst. Prof Of Physics and MANOLAYA Manikandan addressed the gatherings.

Finally we all had our lunch with the inmates of the rehabilitation centre and left MANOLAYA at about 2.15pm.

We are very much grateful and thankful to the authorities of ‘MANOLAYA’.

STUDENTS ACHIEVEMENTS

1.PRAVEENA .P . III-B.Sc PHYSICS Participated in the International Conference on Sir C V Raman State level Conference sponsored by VIJNANA BHARATH, ARIVIAL SANGAM, TN. Also participated in the industrial visit to MAPS-madras Atomic Power Station, IGCAR

2.WOMENS CHRISTIAN COLLEGE, Ngl.

Department of Physics & Research Centre ; WIPCO -2023

Dumb Charades-first prize

AARATHI .G ; ABARNA .V, ANAGHA. A of 3rd Physics have won first prize

3.SCOTT CHRISTIAN COLLEGE

DEPARTMENT OF PHYSICS AND RESEARCH CENTRE

ELECTRO SPARK 2K .23

a) Quiz competition 3rd prize

P.M.AMIRTHA VARSHINI ,NIRANJANA GOVIND OF 3rd B.Sc Physics

b)Poster making

A.Anagha ,I.J.Siva Priya ,Sujithra .M 3rd B.Sc Physics

c)DUMB SHARDE

H.A.VISHNU PRIYA ,V.ABARNA , C.R. A ASWATHY CHANDRAN