

Dayapuram Arts and Science College for Women

(Affiliated to the University of Calicut)



Department of Physics

The Physics department was founded in the year 2002. Since its inception, the department has grown focussed on training students in the fundamentals of Physics. The mission of the department is to foster knowledge of the subject, instill scientific curiosity and to put students' knowledge to creative use.

Bachelor of Physics with Chemistry and Maths

A three-year undergraduate course that prepares students to deal with the fundamentals of Physics, this course aims to provide students with the foundational knowledge required for a career in science, such as teacher, scientist, or researcher. For those who want to go into MSc. Physics or research fields, this course will be quite useful. Students who have taken Science in their plus two are best suited for B. Sc. Physics. The course requires both imaginative power and a strong foundation in Mathematics. The department takes special effort in the case of students who need special attention in the fundamentals of the subject and inspires them to get ahead in the subject for jobs, careers and for the good of the society.





Activities

- Involvement in curricular activities in Physics.
- Active participation in any of the 18 student-run clubs.
- Interest in growing through activities of students' union and student council.



'Planckton' - Astro Club

Clubs organize numerous lectures on different areas of Physics: career orientation workshops, exhibitions, solar observation workshops and night sky watching camps. The Planckton-Astroclub owns two telescopes: the Meade ETX90 and a Celestron Newtonian reflector, using which events are organized.

Events

The department organizes a series of subject-specific lectures named "Amalgam" to serve one of the institutional missions: working as an intellectual center, facilitating meaningful and powerful interactions between resource people and students.

The department organizes industrial visits to renowned research institutes such as NIT's, IIT's, RRI, and IISC.

Another signature event started last year was "Colloquium". As a curtain raiser to the event, a pre-colloquium conversation was organised. In connection with the event, inter-collegiate student paper presentations and faculty paper presentations were conducted. The department also has a well-equipped laboratory.

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**COLLOQUIUM
2022**

FUTURE IN PHYSICS

**11.12
2022**

Colloquium Events

- Key Note Address
- Panel Discussion
- Lecture
- Student Paper Presentation
- Higher Education Orientation Workshop



Topic:
**Optics and
Electromagnetic
Radiations**

**STUDENT PAPER
PRESENTATION** Call for Abstracts

Rules:

1. B.Sc. Physics I, II, III year students and M.Sc. Physics students may send in their abstracts of around 300 words (Font: Times New Roman, size: 11)
2. The allotted time for each paper during the power point paper presentation will be 15 minutes.
3. From the received abstracts, the areas chosen by an expert panel of judges will be invited for presentation at the colloquium. The decisions of the judges will be final and binding.
4. The best student paper will be given prize and citation.
5. Students interested in the paper presentation (either ONLINE or ON CAMPUS) must fill in the Google Form attached in which they can copy paste the abstract, either by 9th February 2022 or mail DR. SHAMJID P. «drshamjid@dayapuram.org» (Phone: 9962347273)

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