



# VIVEKANANDHA ARTS AND SCIENCE COLLEGE OF FOR WOMEN

(Affiliated to Periyar University, Approved by AICTE, Recognized u/s 2 (f) & 12 (B))  
VEERACHIPALAYAM, SANKAGIRI, SALEM



## DEPARTMENT OF PHYSICS

### ABOUT PHYSICS DEPARTMENT

The Department of Physics was established in the year of 2014 with UG Course. In the year of 2017 it has established PG programme (M.Sc) as part of its academic programmes affiliated to Periyar University, Salem. The department has an excellent academic record and has ranked several categories of ranks and gold medals in Periyar University Examinations. It is generally observed that a large number of students are to make aware of what they want to understand and achieve in Physics. This amounts to a situation like boarding by a knowing one's destination. These programmes are to help students knowing their-weakness and strengthen them to set a meaningful and attainable goal. Motivate the students towards research activities and create the awareness about recent trends in Physics and Material sciences. To provide a survey of recent developed areas of Physics and chemical sciences

The Purpose of the Department of Physics is to make the Students as wise and Intellectual in this smart world. Our Department staff members are Enthusiastic who have Conducted Club activity to the students. Our Department of Physics has organized some activities and planned scheduled such as Guest Lecture Programme, Department Association Programme, Club activity and Forum Activities, Industrial Visits, Outreach programme, Educational Tour, Placement Training, Seminar, Workshop, Conferences, and Students achievements in Sports.



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## **VISION**

Empowerment of Women through Education to upgrade performance standards in the field of Physics in order to be a leading department in academic area.

## **MISSION**

To provide students experiences in Physics that will empower them to succeed in an ever changing in world.

To empower young women to face the challenges of life with courage and commitment.

## **COURSES OFFERED**

### **Undergraduate**

- ❖ B.Sc., Physics (3 Years)

### **Postgraduate**

- ❖ M.Sc., Physics (2 Years)

## **SALIENT FEATURES**

- ❖ Choice Based Credit System (CBCS) is followed
- ❖ Periodical Guest Lectures, Seminar & Workshops
- ❖ Well Equipped lab
- ❖ National/International Seminars & Conferences
- ❖ Modernized Library for the Students with Digital Facilities
- ❖ Industrial visit and Educational Tour
- ❖ Placement Training & Career Development Programme
- ❖ Training classes for RRB, UPSC, TNPSC
- ❖ Merit scholarship
- ❖ Hostel Facilities
- ❖ A/C Auditorium



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## **Scope & Opportunities after Undergraduate**

Master of Science (M.Sc.) courses are offered in the field of physics includes

- ❖ Physics
- ❖ Applied Physics and Ballistics
- ❖ Applied Physics
- ❖ Bio Physics
- ❖ Geophysics
- ❖ Marine Geo Physics
- ❖ Medical Physics
- ❖ Renewable Energy

## ***Career Opportunities***

- ❖ Air Craft and Instrument Manufactures
- ❖ Educational Institutions
- ❖ Information Technology Companies
- ❖ Research and Development Department
- ❖ Scientific Journals
- ❖ Astrophysicist
- ❖ Quality Assurance Specialist
- ❖ Research Physicist
- ❖ Teacher / Professor
- ❖ Technical Consultant
- ❖ Geophysicist
- ❖ National Science Foundation
- ❖ Department of Defence
- ❖ Department of Energy
- ❖ National aeronautics and Space Administration
- ❖ NET / SET / TRB / TNPSC / UPSC / RRB



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## DEPARTMENT ACTIVITIES



**II M.Sc PHYSICS Students received the research grants from Tamilnadu State Council for Science and Technology - Student Project Scheme as a sum Rs. 7500/-**

**Mr S RAMAMOORTHY Project guide -received the research grants from Tamilnadu State Council for Science and Technology - Student Project Scheme as a sum Rs. 7500/-**





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## INDUSTRIAL VISIT TO KUDANKULAM NUCLEAR POWER PLANT ON 24-01-2023



## INDUSTRIAL VISIT SOUTH INDIA TEXTILE RESEARCH ASSOCIATION (SITRA) COIMBATORE

Date: 18.08.2023



National Conference on “Futuristic and Sustainable Energy Materials - FASEM -2023” on 21-03-2023. Two eminent scientists from CSIR-CECRI, and ARCI (DST, India) delivered keynote talk. ISBN-approved abstract book was published.



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**CLUB ACTIVITY PPT COMPETITION ON  
27-09-2023**



**GUEST LECTURE CONDUCTED ON  
NUCLEAR ENERGY SUSTAINABLE  
FUTURE**



**GUEST LECTURE CONDUCTED ON RECENT TRENDS IN ENERGY STORAGE  
DEVICES**





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## UG & PG PHYSICS - LABORATORY



## CLASS ROOM



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**DIGITAL LIBRARY**



**235 BOOKS & 5 JOURNALS  
IN PHYSICS DOMAIN**



**ICT ENABLED CLASS ROOM**





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## ALUMINI MEET





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## DEPARTMENT OFFICE BEARERS



**Ms.S.KOWSALYA**  
**I M.Sc., PHYSICS**  
**PRESIDENT**



**Ms. I.MEHTAAB**  
**II B.Sc., PHYSICS**  
**SECRETARY**

## STAFF PROFILE

S.NO	NAME OF FACULTY	DEPARTMENT	QUALIFICATION
1	Dr. S. LOGANAYAGI	ASSISTANT PROFESSOR & HOD OF PHYSICS	M.Sc., M.Phil., PhD
2	Mr. S. RAMAMOORTHY	ASSISTANT PROFESSOR IN PHYSICS	M.Sc., M.Phil., (PhD)
3	Mr. N. TAMILGANDHI	ASSISTANT PROFESSOR IN PHYSICS	M.Sc., M.Phil., M.Ed., (PhD)
4	Mrs. M. GOMATHI	ASSISTANT PROFESSOR IN PHYSICS	M.Sc., M.Phil., (PhD)
5	Mr. A. SADHAM HUSSAIN	ASSISTANT PROFESSOR IN PHYSICS	M.Sc., M.Phil.,