

Sri Kaliswari College (Autonomous), Sivakasi
Department of Physics
B.Sc Physics (Semester) - (2018-2021)
Objectives, Outcomes, Regulation

Programme Objectives:

To enable the students of undergraduate Physics

- To understand the basic concepts in both Classical Physics and Modern Physics.
- To gather knowledge in Analog and Digital Electronics.
- To acquire the programming skills in the computer language C and ability to use personal computers.
- To update their knowledge on recent trends in Physics like nanotechnology
- To receive the necessary experimental skills in Physics.
- To enhance problem solving skills through science.

Programme Outcomes:

Knowledge

PO 1: Well grounded knowledge in chosen subjects.

PO 2: Updated knowledge related to the subjects.

Skills

PO 1: Acquisition of cognitive skills

PO 2: Acquisition of Life Skills for Employment.

Attitude

PO 1: Holistic Personality Development through Self-directed and lifelong learning.

PO 2: Eco Sensitivity, inclusive culture, moral uprightless and social commitment.

Programmes Specific Outcomes:

- Thorough knowledge of the core concepts in Physics
- Ability to design and conduct experiments, as well as to analyze and interpret data
- Trained to apply their Physics experience and knowledge to analyze new situations and problems in Physics
- Ability to apply core principles of Physics in post graduate Physics and modern areas of Physics research
- Be able to successfully pursue career objectives in a scientific career in government or private industry, in a teaching career, or in a related career

Regulation:

Duration of the Programme: Three years (Equivalent to six semesters)

Eligibility:

A pass in +2 examination conducted by the Board of the Higher Secondary Education Government of Tamilnadu with Physics and Mathematics as subjects or any other examination accepted by the syndicate as equivalents thereto are eligible to join this course.

Medium of Instruction: English

Age Limit:

Max age limit : 21 Years

Age Relaxation:

SC/ST/OBC/MBC/DNC & Women : 3 years age relaxation

Differently Abled Students : 5 years age relaxation

Transitory Permission:

Students joined from 2018 - 2021 may be permitted to write their examinations in this pattern up to April 2026.