

Sri Kaliswari College (Autonomous), Sivakasi

Department of Botany

Botany (Semester) - (2018-2021)

Objectives, Outcomes, Regulations

Programme Objectives:

- Understand the nature of Algae, Bryophytes, Fungi, Pteridophytes, Lichens, Gymnosperms.
- Study principles of Taxonomy, Embryology, Plant physiology, Plant ecology & Phytogeography.
- Understand relationship of Biochemistry, Cell biology, Genetics & Microbiology to Botany.
- Perform practicals based on procedure on Pteridophytes, Gymnosperms, Algae, Bryophytes, Fungi, Lichens, Plant physiology, Cell biology, Plant ecology, Microbiology.
- Apply knowledge of Herbal botany, Mushroom Cultivation, Economic botany, Biodiversity conservation, Horticulture.

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 upright less and social commitment.

Programmes Specific Outcomes:

Knowledge: Core Course of botany improve their knowledge and understanding of the subject.

Skill Development: Practical training in all the aspects of botany.

Higher level ability: Technical skills like Dissection of plants, Field study of flora, Plant pigment separation, Genetics, Biochemical tests and Isolation of microorganisms develop higher level ability.

Progression to higher studies: Indepth knowledge on Plant world, Algae & Bryophytes, Herbal botany, Plant breeding, Pteridophytes, Gymnosperms & Paleobotany equip the students to go for higher studies.

Entrepreneurship and Employment: Knowledge on Mushroom cultivation, Horticulture have ample employment opportunities.

Regulations:**Duration of the programme :** Three years (equivalent to six semesters)**Eligibility:**

A Candidate who have passed higher secondary examinations(10 +2) conducted by the Board of Higher Secondary Education, Govt of Tamil Nadu or any other state board examinations accepted as Equivalent thereto by the syndicates subject to such conditions.

- a) Biology/ Physics/ Chemistry as subjects in the higher secondary education
- b) Candidates should have secured at least 60% in the above subjects and above in aggregates
- c) A relaxation of 10% marks in the aggregate will be given to SC/ST candidates

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 to 2021 may be permitted to write their examinations in this pattern up to April 2026.