



SARIYA COLLEGE, SURIYA

Registered Under 2(f) & 12(B) UGC Act. | ISO 21001:2018 Certified

Po: Suriya, Dist: Giridih, Jharkhand, India, PIN - 825320, Accredited with Grade 'C' by NAAC CGPA 1.96
(Permanently affiliated to Vinoba Bhave University, Hazaribagh)

(Run under Sariya Mahavidyalya Shikshan Vikas Samiti, Society Registration Act 1860)



Assessment and Accreditation by NAAC

Department
Of Botany

The department of Botany was established in 2023 at Sariya College, Suriya. Presently, teaching activities include undergraduate semester course. Currently the department offer FYUGP in botany. It includes plant physiology, plant pathology, cytogenetics, plant breeding, Environmental botany, plant biotechnology, systematic botany etc in course. The Department has botany equipped laboratory to make students versatile and help them in independent learning. Also, the department will inculcate Botanical Garden with various medical plant and organise the excursion to view the study of wild plant diversity, forest ecosystem and agricultural benefits. The department of botany is one of the stable departments to educate students about plants importance and their conservation in the society.

Vision

The Department of Botany attempts to inculcate fundamental knowledge of plant science that will transform the understanding about the planet earth. Providing holistic approach on innovating teaching, entrepreneur skills and research with social ethics that reach the society with the focus on plants and their role in balancing and protecting environment.

(To explore and not to exploit the plant world)

Mission

The mission of the Department of Botany is to achieve the academic excellence and promote research towards strengthening the student's competence to fetch more and more opportunities in the field of plant science (Botany) for better understanding of biodiversity and conservation strategies to sustain the life on

mother earth and to make our country self-reliant and self-sufficient educational opportunities.

Faculty

Miss Chayra Nisha Aind (M.Sc) (Nov. 2023 Onwards)

Department Objective

- To achieve academic excellence in basic and applied aspects of plant science.
- To impact basic and advanced education to students through teaching, learning research and evaluation.
- To impact quality education in the field of Botany to make the students acquire an in - depth knowledge relevant to local, regional and rational needs.
- To produce well- trained careers and inculcate the concept of conservation of biodiversity.
- To provide a wide spectrum comprehension of aspects of plants.

Intake Capacity

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Career options

After completing B.sc (Hons) degree in Botany the candidate can make their career as Teacher, Botanist, Biological Technician, Conservationists, Ecologist, Environment consultant, Ethnobotanist, Farming consultant, Molecular Biologist,

Mycologist, Nursery manager, Paleobotanists, plant Biochemist, seed analyzer etc.

Strength

Disciplined creative intellectual study with positive environment and positive relationship among students, faculty and staff that enhances the learning experience fruitful.

Weakness

Initially less enrollment than the intake capacity.

Opportunities

- To know the impend scope of Botany.
- To impart knowledge of science as basic objectives of education.
- To encourage students for scientific altitude and research which will make them open minded, critical and curious about resources environment and their conservation.
- To develop ability in the field of rural life towards enhanced framing and agriculture.
- To explore the field work of biodiversity, Botanical Garden, agriculture field, plantation, forest, tree plantation etc
- Utilising YouTube, PowerPoint presentations, audio and video lectures, and other modern instructional technologies in teaching exercises.

Challenges

- Expanding the number of students enrolled in the department.
- To make the course curriculum career-oriented, research -oriented.
- Encourage the students to conduct in-depth study and research.
- Encourage students of rural area to use digital platforms to access Botanical information.
