

Department of Botany

Year of Establishment	1963
Introduction of HS Course	1963
Introduction of B.Sc. Botany (Major and Pass Course)	1983
Introduction of B.Sc. Botany (Honours) CBCS	2019
Introduction of FYUGP B.Sc. Botany (Core)	2023
No. of Seats offered in UG Program	35
Departmental e-mail ID	botany@pragjyotishcollege.ac.in
Departmental Webpage	https://pragjyotishcollege.ac.in/department/BOT

Programs Offered

- Higher Secondary: Science
- Undergraduate: FYUGP-B.Sc. Botany
- Add on Courses; Certificate Courses (Virtual and in Person)

Name of Faculty Members	Designation	Educational Qualifications	Teaching Experience (in years)
Dr. Reena Barman Kalita	Associate Professor & HoD	B.Sc. in Botany (Gau. Univ.); M.Sc. in Botany (Gau. Univ.); Ph.D. (Gau. Univ.); Spcl: Microbiology	30
Dr. Ranjan Kumar Bora	Associate Professor	B.Sc. in Botany (Gau. Univ.); M.Sc. in Botany (Gau. Univ.) <i>Gold Medalist</i> ; Ph.D. (Gau. Univ.); Spcl: Plant Physiology and Biochemistry	29
Dr. Amit Kumar Pradhan	Assistant Professor (Sr.)	B.Sc. in Botany (Gau. Univ.); M.Sc. in Life Sciences (Assam University); M.Phil. (Gau. Univ.); Ph.D. (Gau. Univ.) SLET; Spcl: Plant Molecular Biology and Biochemistry	5
Dr. Himadri Saikia	Assistant Professor (Sr.)	B.Sc. in Botany (Gau. Univ.); M.Sc. in Botany (Gau. Univ.); M.Phil. (Assam Univ.); Ph.D (Assam Univ.); SLET; GATE; B.Ed. (Gau. Univ.) PG Diploma in Bioinformatics (Assam Univ.); Spcl: Cytology, Genetics and Plant Breeding	5
Deepika Borah	Assistant Professor	B.Sc. in Botany (Gau. Univ.); M.Sc. in Botany (Gau. Univ.); NET-LS; SLET; GATE Ph.D (Gau. Univ.) (Pursuing)	1.5

		Spcl: Plant Physiology and Biochemistry	
Barnali Das	Assistant Professor	B.Sc. in Botany (Gau.Univ.); <i>Gold Medalist</i> M.Sc. in Botany (Gau.Univ.); NET-JRF; SLET; GATE Ph.D (Gau.Univ.) (Pursuing) Spcl: Angiosperm Taxonomy	1.5

Non-Teaching Staff:

1. Mr. Ranjudhar Kalita; Laboratory Bearer
2. Mr. Aswini Borah; Grade IV(Contractual)
3. Vacant

Facilities: The department has two well-equipped laboratories with modern instruments/ amenities; computer application laboratory with bioinformatics facility, ICT- enabled classrooms and a digital classroom cum seminar hall.

The department has its own library comprised of varieties of textbooks, reference books and e-library facility. Besides, there is also a departmental museum (with a collection of orchid germplasm and a collection of specimens with botanical importance including indigenous rice varieties, bamboo species etc.).

Department also has a well-equipped plant tissue culture laboratory where mostly the micropropagation and germplasm conservation of indigenous orchid species of Assam is being performed.

A medicinal garden, Keshab Ram Deka Herbal Medicinal Garden, has been established by the department in the year 2021 with the aim to create awareness among the students about our indigenous valuable medicinal plant resources.

Activities: The department focusses on the holistic development of the students' providing varieties of skill courses and academic activities comprised with experiential and participative studies like regular field visits, institutional visits, seminars, invited talks, skill cum entrepreneurial programs and hands-on training programs.

Achievements: Though the department imparts only the HS and UG course, but students with all round development in the subject are able to secure jobs and higher education in premier companies and educational institutes all across the globe.

Students of the department are abled in securing first class marks and positions in the external university/board examinations. In the year 2022, Diksha Sarkar an Honours student from the department secured 1st class 3rd position in B.Sc. Botany (Honours) final examination amongst all colleges affiliated to Gauhati University and also secured the 'Best Graduate' award of the college for the year 2022. Similarly in the year 2023, Atur Rongphar an Honours student from the department also secured 1st class 3rd position in B.Sc. Botany (Honours) final examination amongst all colleges affiliated to Gauhati University and was also awarded 'Best Graduate' award of the college for the year 2023.

Every year students gets admitted to different renowned institutions for higher education securing top positions in the entrance examinations. Alumni of the department have placed in various colleges as faculty and also in different posts at organizations like ICAR, Indian Navy, and Assam Forest Department, Assam Police, etc. Students of the department have also cleared the JAM/NET/SLET examination and are engaged in research work at various organizations.

