

## Department of Botany (B.Sc)

### **Message about the department:**

The Department of Botany at Jai Hind College, established in 1962, offers B.Sc., M.Sc., and Ph.D. programs. Recognized for research, it has produced 22 Ph.D. and 10 M.Sc. graduates. Faculty are highly involved in research and university exams. The department organizes workshops, conferences, and excursions, with students excelling in various competitions.

### **About the HOD:**

Dr. Sangeeta Godbole has led the Botany Department since March 2019 and has 24 years of undergraduate and 18 years of postgraduate teaching experience. Specializing in plant molecular biology and biotechnology, she is an approved Ph.D. guide and served as a Senate member at the University of Mumbai from 2011–2015.

### **Message from the HOD:**

The Department of Botany at Jai Hind College offers a comprehensive Bachelor of Science program covering advanced topics in plant science, genetic engineering, and molecular biology. Supported by the Star DBT Fund, our practical-based learning emphasizes research, with students presenting at various competitions. Our flexible curriculum meets industry needs, and applied components like horticulture prepare students for diverse career opportunities.

### **Faculty Details**

Dr. Sangeeta A. Godbole

**Designation:** Associate Professor and Head, Department of Botany

**Qualification:** M.Sc. Ph.D.

**Specialization:** Cytogenetics, Plant Physiology, Molecular Biology and Biotechnology, Plant Biochemistry

**E-mail id:** [sangeeta.godbole@jaihindcollege.edu.in](mailto:sangeeta.godbole@jaihindcollege.edu.in)

Dr. Devangi P. Chachad

**Designation:** Assistant Professor

**Qualification:** M.Sc. Ph.D.

**Specialization:** Angiosperms and Phytochemistry, Pharmacognosy

**E-mail id:** [devangi.chachad@jaihindcollege.edu.in](mailto:devangi.chachad@jaihindcollege.edu.in)

Dr. Payal A. Acharekar

**Designation:** Assistant Professor

**Qualification:** M.Sc. M.Sc. (U.K) Ph.D.

**Specialization:** Environmental Botany

**E-mail id:** [payal.acharekar@jaihindcollege.edu.in](mailto:payal.acharekar@jaihindcollege.edu.in)

Dr. Archana D. Ashtekar

**Designation:** Assistant Professor

**Qualification:** M.Sc. Ph.D.

**Specialization:** Plant Physiology and Biochemistry, Molecular Biology and Biotechnology

**E-mail id:** [archana.ashtekar@jaihindcollege.edu.in](mailto:archana.ashtekar@jaihindcollege.edu.in)

Dr. Bharati S.Bist

**Designation:** Assistant Professor

**Qualification:** M.Sc. Ph.D.

**Specialization:** Angiosperms and Phytochemistry, Environmental Botany

**E-mail id:** [bharati.bist@jaihindcollege.edu.in](mailto:bharati.bist@jaihindcollege.edu.in)

Ms. Manoshree Mondal

**Designation:** Assistant Professor

**Qualification:** M.Sc.

**Specialization:** Plant Physiology and Biochemistry

**E-mail id:** [manoshreemondal@gmail.com](mailto:manoshreemondal@gmail.com)

**Programs Offered:**

B.Sc in Botany (Aided)

M.Sc (Research) (Aided)

Ph. D (Aided)

**Courses Offered:**

Certificate Course on - Perfumery (Self-Financed)

Certificate Course on - Permanent Slide making (Self-Financed)

Certificate Course on - Miniature Landscape Making (Self-Financed)

**Student Achievement:**

Students achieved notable success with awards for outstanding research contributions. They won silver medals in Avishkar and top prizes in poster presentations at international conferences, including those at Patkar College. They also excelled in Xplore, securing significant placements across various categories.