



Chowgule Education Society's
Parvatibai Chowgule College of Arts and Science
Autonomous
Accredited by NAAC with Grade 'A+'
Best Affiliated College-Goa University Silver Jubilee Year Award



STUDENT ACHIEVEMENT

Mr. Raj Nayak T.Y. BSc Botany student, participated in the solo singing competition at the Combined Annual Training Camp (CATC), conducted by 1 Goa Battalion NCC at Bhoomika High School, Sattari, from December 22 to 31, 2024, and secured third place.



NEW FACULTY OF THE DEPARTMENT



Ms. Plency Fernandes joined the department of Botany on lecture basis during this academic year 2024-25. She is MH-SET qualified. She has completed her B.Sc. Botany at Government College of Arts Science and Commerce Quepem and Masters degree at Goa University.

FACULTY ACHIEVEMENT

Prof. (Dr). Sangeeta Sankhalkar, Department of Botany & Principal of Parvatibai Chowgule College of Arts and Science (Autonomous) Margao Goa received **Research Scientist excellence award in Botany/plant physiology** during AGRI INNOVA 2025, National Agritech Innovation and Startup Summit 2025 organised by Department of Agricultural Engineering, RVS Technical Campus (Autonomous), Kumaran Kottam Campus, Kannampalayam Post, Sullur, Coimbatore, Tamil Nadu, India on 8th January 2025.



Inside this issue

Page No.

New faculty, Faculty Achievement,

Student Achievement

1

Faculty Participation, Alumni talk,

One-Day International Seminar

2

Talk for Research Interaction Series

& College Journal Club, Study Tour

3

Field Trip & Continuation of

Page 2

4

FACULTY PARTICIPATION

Dr. Uma Masur and Ms. Sonali Gaonkar, faculty of Botany Department of Parvatibai Chowgule College of Arts and Science (Autonomous) Margao along with five T.Y BSc Botany students, attended The 46th Annual Meeting of the Plant Tissue Culture Association (India) Symposium was held from February 24th to 26th, 2025, at the BITS Pilani Goa Campus. The symposium focused on *Current Trends and Challenges in Plant Biotechnology*.



ALUMNI TALK

The Department of Botany at Parvatibai Chowgule College organized an enriching alumni talk on the topic **“Education and Skill Building”** on **7th January 2025** from **1:00 PM to 2:00 PM**. The event was aimed at providing students with valuable insights on the importance of education and skill development in shaping their academic and professional futures.

The talk was led by an alumnus of the Department of Botany Ms. Azeezunissa of batch 1999, and the main organizer was **Dr. Uma Masur**, Associate Professor of Botany. An initiative aimed to bridge the gap between education and real-world application, encouraging students to focus on acquiring skills that complement their academic knowledge.

A total of **19 students** from the Botany as well as other Department participated in the session, gaining valuable advice on career paths, skill enhancement, and personal development. The discussion highlighted the importance of not only academic excellence but also the acquisition of practical skills that are crucial for success in today's competitive world.

ONE-DAY INTERNATIONAL SEMINAR - *THE CLIMATE CRISIS: UNDERSTANDING THE SCIENCE AND SOLUTIONS*

The Department of Botany successfully organized a one-day international seminar titled ***"The Climate Crisis: Understanding the Science and Solutions"*** on January 23rd 2025. The event witnessed enthusiastic participation from students and faculty of the in-house Life Sciences departments, along with external participants, fostering an enriching exchange of ideas on climate-related challenges and potential solutions. Resource persons for the same were **Mr. Golo Joachim Pilz** President of India Care Trust, Berlin, **Dr. Siddhi Kashinath Jalmi** Assistant Professor of Botany at Goa University,, **Dr. Nikita Admane** DHR Women Scientist, BITS Pilani KK Birla Goa Campus, **Dr. Pronoy Baidya** an ecologist and environmental education professional. Attended by total 108 participants 92 students and 6 faculties.



As part of the **One-Day International Seminar on "The Climate Crisis: Understanding the Science and Solutions,"** the Department of Botany organized a guest lecture by **Prof. Diana Santelia** from ETH Zurich, Switzerland, on **21st January 2025**. The lecture focused on the mechanisms of starch metabolism in stomata and its significance in regulating plant responses to environmental stresses. In-house participants from the Life Sciences Department actively engaged in the session, gaining valuable insights into the interplay between plant physiology and climate resilience. Participated by 80 students and 5 faculty.



RESEARCH INTERACTION SERIES & COLLEGE JOURNAL CLUB

The Department of Botany conducted a talk on the Research Interaction Series (RIS-PCCAS) and College Journal Club (CJC-PCCAS) on January 28, 2025, from 12:35 PM to 1:15 PM at Botany A208 Lab. The talk featured presentations by two students: **Ms. Yuga Karambalkar**, T.Y. BSc Botany, who discussed **"Qualitative Analysis and Bioassays of Capsicum annum L., Varieties of Goa"** and **Ms. Snehal Mishra**, S.Y. BSc Botany, who presented on **"The Impact of Genetically Modified (GM) Crops in Modern Agriculture."** The event was attended by 4 faculty members and 19 students from the Botany Department.



STUDY TOUR TO COIMBATORE AND COONOR

A study tour to Coimbatore and Coonoor was organized for a group of 10 students of Botany Department (Majors; TY, SY and FY) accompanied by two faculty members (Dr. Shravani N. Korgaonker and Ms. Ansifa Simoes) from **7th to 11th January 2025**, providing them with an enriching blend of academic and field-based learning experiences. **Students visited Coonoor lush tea estates, Eucalyptus Oil Factory, strawberry farm, Tamil Nadu Agricultural University (TNAU) and Botanical Garden of TNAU.**



FIELD TRIP TO PEBBLES BEACH, CABO DE RAMA

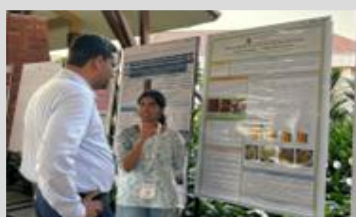
On February 25, 2025, the Botany Department organized a field trip to Pebbles Beach, Cabo de Rama, South Goa, for a group of 20 F.Y. B.Sc. (SEC) Algal Biotechnology students as part of their academic curricula. The trip was led by two faculty members, Dr. Shravani N. Korgaonker and Ms. Ansifa Simoes. The visit aimed to provide students with practical exposure to coastal ecosystems and algal biodiversity.

Pebbles Beach, located near the historic Cabo de Rama Fort, is a secluded rocky beach known for its unique pebble-strewn shoreline and panoramic views of the Arabian Sea. The site is surrounded by lush vegetation and offers a rich habitat for studying marine flora and fauna. Students observed various species of algae thriving on the rocky intertidal zones. Emphasis was placed on identifying key species and understanding their ecological roles. The group examined the interactions between marine organisms and their environment. The beach's rocky terrain and pebbles created molluscs, crabs, and algae microhabitats. The serene environment allowed for undisturbed observation of natural processes. The steep descent to Pebbles Beach proved physically demanding but was managed successfully by all participants.

The field trip was an enriching experience that combined academic learning with hands-on exploration. Students gained valuable insights into algal biotechnology and coastal ecosystem dynamics while appreciating the natural beauty of South Goa.

**Continuation of Page 2.**

Ms. Sanika Naik, T.Y BSc Botany student, attended and Presented Poster for the 46th Annual Meeting of the Plant Tissue Culture Association (India) Symposium was held from February 24th to 26th, 2025, at the BITS Pilani Goa Campus. The symposium focused on *Current Trends and Challenges in Plant Biotechnology* on the topic titled *Qualitative analysis and bioassays of Capsicum annum L., varieties of Goa.*

**EDITORIAL TEAM:**

Ms. Sonali Gaonkar

Assistant Professor in Botany

Contact us: spg010@chowgules.ac.in