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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

Botany Departmental Newsletter



FACULTY AS RESOURCE PERSON

Dr. Uma Masur Associate Professor Botany was invited to give a talk at Zoological survey of India Jabalpur Madhya Pradesh on 7th July 2023. The talk was on 'Flora of Goa - PBR. The method followed during PBR preparation for villages in Goa was highlighted. Dr. Uma Masur is also a member of Technical support group of college which prepares PBR for assigned villages by Goa state biodiversity board.



PROF. (DR) SANGEETA SANKHALKAR **APPOINTED PRINCIPAL**

The senior-most faculty member of our Botany Department, Prof (Dr.) Sangeeta G. Sankhalkar, has been appointed as the Principal of the college. She is an excellent Researcher and a fantastic teacher.

We are proud of your achievement maám!



ACHIEVER ALUMNI

Ms. Jane Gabriella Pereira, our Alumni was awarded double Gold Medal for obtaining highest marks at the Master of Science (Marine Science). She was awarded the gold medals at the 34th Convocation of Goa University, by Honourable **President Smt. Droupadi Murmu**. A proud moment for our department.



PROF. B. F. RODRIGUES **APPOINTED AS DEAN**

Prof. B.F. Rodrigues, has been appointed as the Dean of school of Biological sciences and Biotechnology.



Prof. Rodrigues completed his Ph.D. under the able guidance of Dr. Torne at Parvatibai Chowgule College.



Dr. Sankrita Gaonkar, was awarded her Doctoral degree at the 34th Convocation of Goa University. He completed her PhD under the able Guidance of Prof. B. F. Rodrigues, Botany, School of Biological Sciences and Biotechnology.

Her PhD is entitled Diversity and growth studies of arbuscular mycorrhizal (AM) fungi in mangrove plant species.

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Mr. Vishal Jamuni, Alumni and current Assistant Professor in our department cleared CSIR NET (LS) with 98.02% in the June 2023 exam. We are proud of his achievement.



Also **Mr. Royston D'Silva**, Alumni of Botany department also cleared CSIR NET (LS) with 82.22% in the June 2023 exam. We are proud of his achievement.

CAREER GUIDANCE TALK BY ALUMNI

A Career Guidance Talk by Alumni, **Ms. Jocelyn Makasare**, Teacher and Co-ordinator of Science Department at a School at Dubai, UAE, was organized by Department of Botany On 28th July 2023, 11:30 am to 1:00 pm. Ms. Jocelyn explained to the students the job prospects as a Science teacher, in various countries abroad. It was an informative lecture for the students.



FACULTY PUBLICATION

Ms. Amisha Shirodker Pednekar's research work with the T.Y.B.Sc. Students of 2022-23, got published as a chapter in a book titled Biodiversity Conservation: Issues and Prospects. Shirodker Pednekar, A., Khan, S., Vaz, S., Rodrigues, S., Naik, P., & Sharma, P. (2023). Cellulolytic Activity of Litter Fungi Isolated from Specific Litter of Salcete, Goa. In Biodiversity Conservation: Issues and Prospects (pp. 11-23). Mahaveer Publication, Dibrugarh, Assam.



FACULTY ACHIEVEMENT

Prof. (Dr.) Sangeeta G. Sankhalkar, Department of Botany & Principal is sanctioned a major research project entitled '*Evaluating the potential of cyanophycean algal cultures as an ecofriendly biofertilizers for the growth of rice seedlings*' for 3 years by the Department of Science & Technology and Waste Management (DSTE), Government of Goa, Porvorim, Bardez.

FACULTY PARTICIPATION

Ms. Sonali Gaonkar, Assistant Professor of Botany Department attended Tree plantation drive organized by Geography department of Parvatibai Chowgule College of Arts and Science (Autonomous) Margao Goa held on 15th August 2023 at the Camp Souza Multi Sports Facility in Camorlim, Goa.



STUDENT ACHIEVEMENT

Ms. Yuga Narayan Karambalkar secured Second Place in a Millet based food contest on the theme "Gains from Grains" held during the One Day State Level Seminar held at Government college of Arts, Science and Commerce, Sanquelim Goa.



The T.Y.B.Sc. students as a part of the course Organic Farming and the FYBA students as a part of MDC course Plant Animal Interaction visited the KOCL research centre and Organic Farm on 2nd September 2023. The students were accompanied by Ms. Amisha Pednekar and Ms. Sonali Gaonkar.



PLANT DRIVE PROGRAMME

Botany Department of Parvatibai Chowgule College of Arts and Science (Autonomous) Margao Goa organized Plant Drive Programme on 11th August 2023, from 1:30 pm onwards at Botanical Garden. Total 30 students and 5 faculty members of Botany department participated for the drive. The main objective of the Plant Drive was to launch a community seed bank and to raise awareness towards the importance of planting and saving trees. Plant Drive consisted of 3 main activities –

- Plant Walk curated by Botany Department
- Exchange of seeds and saplings (also as a part of *Meri Maati, Mera Desh*).
- Medicinal sapling plantation in Botanical Garden

The first activity i.e exchange of seeds and saplings takes place in the presence of Offg. Principal Prof. (Dr.) Sangeeta G. Sankhalkar in the Heritage Hall of the college. Second activity was plantation of medicinal plants and was done with the help of students. Third activity was to explain the flora of campus that was done by SY. BSc and TY. BSc students.

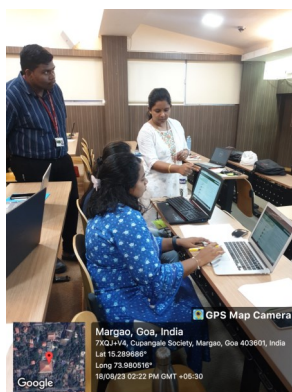


ONE DAY STATE LEVEL HANDS ON WORKSHOP ON BIOINFORMATICS
ON
18TH AUGUST 2023

ONE DAY STATE LEVEL HANDS ON WORKSHOP ON BIOINFORMATICS

**by Department of Botany, by Dr. Siddhi Kashinath Jalmi, Assistant Professor in Botany,
SBSB, Goa University on 18TH AUGUST 2023**

The objective of the workshop was To make them aware about the upcoming field of Bioinformatics and To provide hands-on training in the field. The sessions of the One Day State Level Hands On Workshop On Bioinformatics comprised of theory lecture followed by Hands on training. Various concepts were learnt by students, a few being, Gene Mining of Aquaporin gene family, Gene structure analysis, Physico-chemical Characterization of Aquaporin protein, Multiple Sequence alignment for finding conserved region, Protein and Biochemical interaction, All the students had a learning and fruitful experience.



EDITORIAL TEAM:

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