



Parvatibai Chowgule College of Arts and Science
Autonomous

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale in 3rd cycle)
Best affiliated College-Goa University Silver Jubilee Year Award

PRINCIPAL'S MONTHLY ACADEMIC REPORT

FEBRUARY 2022

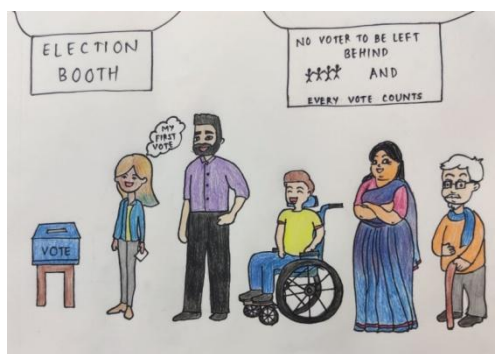
It is my pleasure to present the monthly report of exemplary activities and remarkable achievements for the month of February, 2022.

Highlights of the Month

Electoral Literacy Awareness Programmes

The following activities were conducted under the Electoral Literacy Club (ELC) and Systematic Voters' Education and Electoral participation Programme (SVEEP):

- The N.S.S. Unit of the college organized a Cartoon-making and a Slogan writing activity on the themes 'Every Vote Counts' and 'No Voter to be left behind' from 1st to 10th February 2022.



Cartoons made by students



Slogans shared on social media by students

- The Departments of Sociology and History in collaboration with the D.O.S.T.O club organized an online literacy on election process through a Google form consisting of YouTube Videos in which students had to go through the videos and answer a quiz on 10th February 2022. A total of 216 students took part in the same.
- The Career & Personal Counselling Centre and Club Augment organized an online literacy on election process through a Google form in which students were required to answer a quiz on 10th & 12th February 2022. A total of 49

students took part in the same and the objective and outcome of the publicity campaign was met.

- d) The Departments of Hindi and Marathi jointly organised an online Poetry Recitation Programme on the topic 'Matdaaan Ek Adhikar / Mera Pahla Mat' on 12th February 2022, wherein, 14 students and 10 faculty members presented their poems
- e) Young Inspirators Network Unit of Chowgule College, in association with Gomantak's Young Inspirators Network organized a political discussion on 'What Youth Wants' on 2nd February 2022, which was covered by the News Channel 'Gomantak Tv'. Students from Don Bosco College of Engineering, Fatorda, Goa, Don Bosco College of Agriculture, Sulcora, Quepem, Goa, Damodar College, Margao, Goa, Parvatibai Chowgule College, Margao, Goa, and members of Young Inspirators Network participated in the discussion.

Students Achievements

- Ms. Kellen Micah D'Costa, student of T.Y.B.Sc. (Single Major Physics) won the Third Prize in the Intercollegiate Drawing Art (Portrait) Contest 2021-22 organized by the Skill Development in collaboration with Department of Commerce of Government College of Commerce and Economics, Borda, Margao, Goa to commemorate 75th Year of India's Independence.



Ms. Kellen D'Costa

- Ms. Swati Kumari Mishra, student of TYBSc Biotechnology was selected to participate in the District-level National Youth Parliament Festival organized by the Ministry of Youth and Sports Affairs, Government of India.



Ms. Swati Mishra

- Mr. Sydney F. J. Rodrigues, Student of F.Y.B.Sc. Single Major Botany won the Second Place in the Online Quiz 'ChemQuest 3.0: Chemistry Nobel Laureates', organized by the Department of Chemistry, St. Xavier's College, Mapusa, Goa on 8th February 2022 as a part of National Science Day celebration.



Mr. Sydney Rodrigues

Faculty Achievements

- Prof. Sangeeta Sankhalkar, Professor, Department of Botany has been awarded the Indian National Science Academy, New Delhi (INSA) Visiting Scientist Fellowship 2020-21 to conduct her Research Work on 'Changes in Photosynthetic Performance and Influence on Protein Profiling of *Chlamydomonas reinhardtii* grown in Synthetic Dairy Waste Water (SDWW)' at the University of Hyderabad, Telangana, India.



Prof. Sangeeta
Sankhalkar

- Dr. Uma Masur, Head, Department of Botany and Secretary of Pradnya Shakti Goa Unit of Shakti- A National Movement for Women organized a 7 days State level Webinar titled 'Yuva Shakti Abhiyan' for college students across the State from 21st to 27th February, 2022. The webinar was attended by students of Parvatibai Chowgule College of Arts and Science, Autonomous, Margao; Government College of Arts, Science and Commerce, Sanquelim and Government College of Arts, Science & Commerce, Khandola.

- Ms. Ankita Ravindra Dhond and Mr. Mangesh Harijan, Assistant Professors, Department of Marathi, qualified the UGC-National Eligibility Test held on 24th November 2021 for eligibility for Assistant Professor in the subject of Marathi.



Ms. Ankita
Dhond



Mr. Mangesh
Harijan

- Ms. Sachi Satish Naik, Assistant Professor, Department of Hindi, qualified the UGC-National Eligibility Test for eligibility for JRF and Assistant Professor held on 26th December 2021 and the State Eligibility Test for eligibility for Assistant Professor, held on 26th September 2021 in the subject of Hindi.



Ms. Sachi Naik

Papers Published

- Mr. Venkatesh G. Prabhu Gaonkar, Assistant Professor in Geoinformatics, Department of Geography:
 - Nadaf, F.M. & Prabhu Gaonkar, V. (2021). Spatio-temporal monitoring and predicting the Land Use / Land Cover Transformations using Cellular Automata (CA) – Markov Model: A case study of Urban Canacona, Goa-India. *Bulletin of Environment, Pharmacology and Life Sciences*, 10(10), 204–213. ISSN 2277-1808. <https://bepls.com>

- Prabhu Gaonkar, V. & Nadaf, F.M. (2022). Influence of De-Vegetation on Land Surface Temperature: A Case Study of Bardez Taluka, Goa-India. *International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)*, Special Issue 11(1), 614-627. ISSN: 2277-4998. <https://www.ijbpas.com/>
- Dr. Kanchana R., Assistant Professor, Department of Biotechnology:
 - Kanchana, R., Pereira, M., Sayed, A., Patel, S., Carvalho, K. & Naik, A. (2022). Chocolate as Prebiotic and Probiotic Delivery Vehicle. *The Indian Journal of Nutrition and Dietetics*, 59 (1), 28-36. [UGC CARE listed].

Faculty Participation

- Dr. Uma Masur, Head, Department of Botany, Ms. Madhavi M. Motankar, Assistant Professor, Department of Biotechnology, Ms. Sushama Pradeep Salgaonkar and Dr. Sankrita S. Gaonkar, Assistant Professors, Department of Botany participated in a Two days National Webinar on 'Advances in Plant Sciences' organized by the Department of Botany, Goa University, on 3rd and 4th February, 2022.
- Ms. Hashma Mujawar, Assistant Professor, Department of Biotechnology attended a Webinar on 'What my doctor never told me' organized by Department of Information Technology, P.E.S. Ravi S. Naik College, Ponda in collaboration with P.E.S Medical Center and IQAC on the occasion of World Cancer Day on 4th February, 2022. The speaker was Dr. Padmanabh Rataboli, Professor and Head, Department of Pharmacology, Goa Medical College, Bambolim.
- Dr. R. Kanchana, Assistant Professor, Department of Biotechnology, Ms. Sushama Pradeep Salgaonkar and Dr. Sankrita S. Gaonkar, Assistant Professors, Department of Botany participated in the One Day National Seminar on 'Recent Researches in Bio-fertilizers: From Lab to commercialization' organized virtually by Department of Biotechnology, Institute of Science and Research, IPS Academy, Indore, Madhya Pradesh on 12th February, 2022.
- Ms Swati Ghadi successfully completed a UGC sponsored 2-week online Refresher course in 'Earth, Water and Environment- Issues, Concerns and Way Forward' organized by the Department of Geology, Savitribai Phule Pune University, Pune from 12th to 25th February 2022.
- Ms. Filomena Pereira, Assistant Professor, Department of Zoology, participated in the Second Goa Bird Race held by Goa Bird Conservation Network (GBCN) in association with the India Bird Races Team on 27th February, 2022. The objective of the bird race was to document as many species as possible in a day through friendly competition mode.

- Dr. R. Kanchana, Assistant Professor, Department of Biotechnology participated in the following:
 - a) Online Expert talk on 'Process of Innovation Development & Technology Readiness Level (TRL) Commercialization of Lab Technologies and Tech-Transfer' organized by Goa University on 18th February, 2022.
 - b) Online Workshop on 'Entrepreneurship Skill, Attitude and Behaviour Development' organized by Goa University on 24th February, 2022.
 - c) State Level Webinar on 'Security Intelligence on Cyber Crime: Device Targeted' organized by 'SPES's Goa Multi-Faculty College, Dharbandora, on 28th February 2022.
- Dr. Kanchana R. & Dr. Starlaine Mascarenhas, Assistant Professors, Department of Biotechnology, participated in a National Webinar on 'Mending Academic Talent for Industrial Applications' organized by the School of Chemical Sciences, Goa University on the occasion of National Science Day and in commemoration of Azadi ka Amrut Mahotsav on 28th February, 2022.
- Ms. Sushama Pradeep Salgaonkar, Assistant Professor, Department of Botany attended the following:
 - a) Ten Days Online National-level Internship on 'Molecular and Analytical Techniques for Plant Sciences' in two modules - Module I: January 24th - 29th, 2022 & Module 2: February 21st – 25th, 2022 jointly organised by the Postgraduate and Research Department of Botany, Catholicate College, Pathanamthitta, Kerala in association with Department of Biotechnology, School of Agriculture & Biosciences, Karunya Institute of Technology & Sciences, Coimbatore and Mahatma Gandhi University, Kottayam.
 - b) International Workshop on 'Microalgal Technology' organized by Marian Star Centre, Department of Botany, St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu, India sponsored by the Department of Biotechnology, New Delhi from 16th to 18th February, 2022.
- Mr. Abhishek Gudekar and Ms. Sanas Shaikh, Assistant Professors, Department of Computer Science attended one day State-Level Webinar on 'Research for Beginners in Computer Science and Technology' organised by Department of Computer Applications, Murgaoon Education Society's College of Arts And Commerce, Zuarinagar and the IQAC on 12th February, 2022. The Resource persons were Dr. Neha Karanjkar, Assistant Professor, I.I.T Goa Computer Sciences and Engineering and Dr. Clint Pazhayidam George, Assistant Professor, I.I.T Goa Computer Sciences and Engineering.
- Mr. Abhishek Gudekar, Assistant Professor, Department of Computer Science attended an online Workshop on 'Deep into Python' organized by Don Bosco College of Engineering, Fatorda Goa in association with ACM

Goa Professional Chapter and ACM India Special Interest Group in Computer Science Education (iSIGCSE) on 19th and 26th February, 2022.

- Mr Amogh Raiturkar, Assistant Professor, Department of Computer Science attended a One day State Level Webinar on 'Security Intelligence on Cyber Crime: Device Targeted' organised by Goa Multi Faculty College, Dharbandora Goa on 28th February, 2022. The resource person was Mr. Dinesh Paranthagan, Founder and CEO, Hackup Technology Pvt. Ltd, Coimbatore.
- Mrs. Aisha Shaik, Assistant Professor, Department of Geography successfully completed a National Level Research Methodology Workshop organized by ESSGEE DIGISKILLS from 24th January 2022 to 14th February 2022.
- Dr. Bhanumati C. Pilli, Assistant Professor, Department of Geography attended an online Master Trainers Training Programme on 'Understanding Principles & Framework of Community Engagement' under Unnat Bharat Abhiyan 2.0 on 15th February 2022.
- Dr. Sanjay Gaikwad, Assistant Professor, Department of Geography participated in the 'Vigyan Sarvatra Pujiyate', Festival of SCoPE (Science & Technology Communication, Popularization & its Extension) for all held at Goa University, Taleigao, Goa, from 22nd to 28th February 2022, wherein, he set up a stall exhibiting 3D Stereoscopic vision instruments and remotely sensed data products like aerial photographs and satellite images. He demonstrated the application of remote sensing in understanding our surroundings from a geographical point of view. More than 500 students from various schools and higher secondary colleges of Goa visited the stall.



Stall set up by Dr. Sanjay Gaikwad at the Vigyan Sarvatra Pujiyate Festival

- Ms. Carol Barreto Miranda, Assistant Professor, Department of French attended the following:
 - a) One week Online National Faculty Development Programme/Certificate Programme on 'Developing Positive Mental Health for Teaching-Learning Environment' organised by GAD-TLC of the Ministry of Education from 25th to 31st January, 2022.
 - b) One-day Online International Faculty Development Programme-cum Workshop on 'Developing and Floating MOOC for NPTEL-SWAYAM, Udemy and Coursera Platforms', on 20th February, 2022.
 - c) Online Webinar on 'Improve your Business French Skills through excerpts from films and TV series' organised by the Indo French Hub in collaboration with InstitutFrançais, India on the 27th February, 2022.
 - d) One day Online Webinar on 'Contemporary Fiction in Quebec and India' organized by the Department of French, University of Calcutta, funded by the Shastri Indo-Canadian Institute on 28th February, 2022.
- Ms. Poonam M. Joshi, Librarian and Mrs. Aditi Y. Malik, Librarian Grade I, Department of Library & Information Science attended the following:
 - a) National Level Online Webinar on 'DELNET Resources and Services' organized by Department of Library, Prabodhini College of Commerce, Education, Computer & Management, Porvorim on 9th February, 2022. The resource person was Dr. Sangeeta Kaul, Director, DELNET.
 - b) National Level Seminar on 'How to select right Journals for Research from UGC Care list' organized by the Department of Library, Rosary College of Commerce & Arts, Navelim on 28th February, 2022. The resource person was Dr. Murari P. Tapasvi, Ph.D.
- Ms. Poonam M. Joshi, Librarian, Department of Library & Information Science attended a one day Online International Seminar on 'Research and Library Services' organized by A.B. M.S.P's Shri Shahu Mandir Mahavidyalaya, Pune on 25th February 2022. The resource persons were Hilary Smith (MS in LISc.USA) Librarian, The Auroville Earth Institute, Tamil Nadu; Dr. Pawan Agrawal Assistant Librarian, Dr. APJ Abdul Kalam Government College, Silvassa and Dr. Archana Ladkat, Librarian, Anantrao Pawar College of Architecture, Pune.

Invitation as Plenary Speaker/Resource Person

- Dr. Nandini Vaz Fernandes, Head & Associate Professor, Department of Zoology was appointed as 'External Expert' on the Advisory committee of the DBT Star College Scheme of NES Arts, Commerce and Science College, Ratnagiri Maharashtra.
- Dr. Sanjay Gaikwad, Assistant Professor, Department of Geography was invited as a resource person at the Short Term Training Program on QGIS,

organized by Department of Geology of the college for the technical staff of the Directorate of Settlement and Land Records, Panaji-Goa from 31st January to 5th February 2022. He delivered a session on “GPS & DGPS” and gave field demonstration & hands-on training on DGPS instruments on 4th February 2022.

- Dr. Anil Yedage, Assistant Professor in Geoinformatics, Department of Geography was invited as the resource person at Karamveer Baburao Patil Mahavidhyalaya, Pandharpur on 1st February, 2022. He delivered a session on “Job Opportunities in Geoinformatics”.
- Prof. Nandkumar Sawant, Head, Department of Geography was invited as a resource person at Yashavantrao Chavan Institute of Science, Satara, on 17th February 2022. He delivered a lecture on “Teaching Pedagogies for Effective delivery of Science Curriculum for Physical Science” for Physics, Nanoscience and Nanotechnology faculty members.

Activities by Departments

1) Department of Botany

- Online lecture series on ‘Climate change and its impact on the environment’ by noted Botanist Dr. Aarti Ashok Saoji, Ex Director and Professor of Botany, Institute of Science, Nagpur was organized on 26th February, 2022.

2) Department of Geography

- A Special Lecture on ‘Use of Statistics in Geoinformatics’ by Mr. Anand Masur, Associate Professor, Department of Mathematics, was organized for the students of M.Sc. Geoinformatics Part II on 2nd February 2022.
- As a part of the Bharat ka Amritmohotsav - 75th Anniversary of India’s Independence, a Suryanamaskar session for teaching and non-teaching staff of the Department was organized on 9th February, 2022. 13 sets of Surya Namaskar were performed.



Suryanamaskar Session organized for teaching and non-teaching staff of Department of Geography

3) Department of Geology

- A Six-Day Short Term Training Program on QGIS, a curated programme for the technical staff of the Directorate of Settlement and Land Records, Panaji-Goa was conducted from 31st January to 5th February 2022. The course was attended by 9 technical staff of the Directorate of Settlement and Land Records. The resource persons were Dr. Sanjay Gaikwad, Assistant Professor, Department of Geography, Ms. Swati Ghadi and Mr. Malcolm Afonso, Assistant Professors, Department of Geology.



Mr. Malcolm Afonso conducting a session for the staff of Directorate of Settlement and Land records



Participants during the on-field session of the QGIS Training Programme



The participants of the training programme with Dr. Ananya Das (Principal Incharge), Dr. Meghana Devli (Dean of Sciences & Head, Department of Geology), Ms. Swati Ghadi (Assistant Professor) & Mr. Malcolm afonso (Assistant Professor)

4) Innovation and Incubation Cell

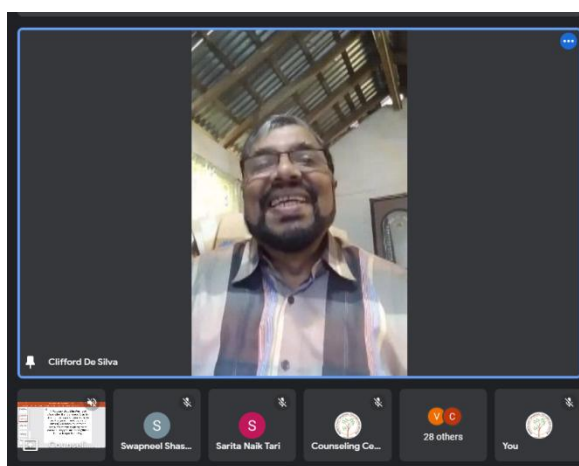
- A talk on 'Achieving Problems-Solution Fit & Product Market Fit' by Mr. Ankur Kankonkar was organized on 28th February 2022.

5) Career and Personal Counselling Centre

- In the month of February 2022, the Career and Personal Counselling Centre witnessed a total of 6 Counselling sessions for students on academic and personal issues, one new student for personal counselling and 1 follow-up session was conducted. Two students, one from our college and one from another college approached the Career and Personal

Counselling Centre for career guidance. A total of 3 follow up sessions were conducted for them.

- An interactive session was organized on 'Mental Wellbeing: Being Centred and Handling Stress, Time - and Life' on 7th February, 2022 for teaching and non- teaching staff of the college. The speaker of the seminar was Mr. Clifford De Silva, Director of Goa Institute of Counseling. The session focused on dealing with work stress, adapting to difficult colleagues at work and confronting our daily task with a positive outlook. A total of 44 faculties attended the seminar.



Resource Person Mr. Clifford De Silva conducting interacting with the participants of the session

Dr. Shaila R. Ghanti
Officiating Principal

Date: 31/03/2022