



DEPARTMENT OF CHEMISTRY

Monthly Department Activity Report for December 2022

An Initiative of IQAC for Quality Assurance

I. DEPARTMENTAL ACTIVITIES

- i. Personality Enhancement Programmes: Nil**
- ii. Green Activities: Nil**
- iii. Crossover Learning Initiatives: Nil**
- iv. Activities with Alumni-participation: Nil**
- v. Nodal Activities** (any other Departmental activity not included under any Header above).

Seminars/Meetings Attended

1. Prof. Vrinda Borker, Dr. Chandan Naik, and Ms. Dipika Gosavi attended state level seminar on the role of science and technology for sustainable growth organized by the Department of Chemistry and Physics, Ponda Education Society's Ravi S Naik College of Arts and Science to celebrate the 75th birthday of Prof. J. S. Bidkuley held on 10th December 2022.
2. Dr. Chandan Naik Attended training, internship, and placement cell meeting at the Directorate of Higher Education, SCERT Building, Porvorim for Training Placement Officers and Internship Incharges from HEIs in Goa on 6th December 2022

II. E-CONTENT CREATION AND INNOVATIVE PEDAGOGICAL PRACTICES: Nil

III. NODAL ACHIEVEMENTS (Prizes won, honours/scholarships received/competitive exams cracked)

(Kindly do not add any achievements falling under the aegis of Sports/NSS/NCC)

i. Students: Nil

ii. Faculty Members

1. Dr. Chandan Naik was awarded 3rd place for the poster competition at the state-level seminar on the role of science and technology for sustainable growth organized by the Department of Chemistry and Physics, Ponda Education Society's Ravi S Naik College of Arts and Science to celebrate the 75th birthday of Prof. J. S. Bidkuley held on 10th December 2022.



IV. RESEARCH

i. Faculty Members

▪ Papers Presented

1. Chandan Naik & A V Salker, Up-conversion studies of Er/Yb co-doped Gd₂O₃ prepared by combustion method, 01 day, state level, The Role Of Science And Technology For Sustainable Growth, Department of Chemistry and Physics, Ponda Education Society's Ravi S Naik College of Arts and Science, 10th December 2022.
2. Sanket gaonkar & Chandan Naik, DPPH radical scavenging and anti-Pseudomonas aeruginosa ATCC 27853 activity of Sm³⁺ and Y³⁺ substituted copper ferrite nanoparticles, 01 day, state level, The Role Of Science And Technology For Sustainable Growth, Department of Chemistry and Physics, Ponda Education Society's Ravi S Naik College of Arts and Science, 10th December 2022.

- **Papers Published:** Nil
- **Projects Undertaken:** Nil
- **Any Other:** Nil

ii. Students: Nil

V. COLLABORATIONS AND LINKAGES: Nil

VI. SKILL DEVELOPMENT COURSES: Nil

1. Title of the course: Determination of physicochemical and microbiological parameters in drinking water, Beneficiaries: 18, Objectives: Enable students to acquire knowledge and to estimate the different Physico-chemical and biological parameters in drinking water so as to determine whether water is hygienically safe and fit for consumption. Students are encouraged to bring water samples from their locality for analysis, Course Coordinator: Mrs. Varsha Virginkar, Resource Persons: Ms. Monica Ghadi and Mr. Kamlesh kirtikumar korgaonkar, Duration: 30 hours, Outcomes: Students after completing this course gain adequate knowledge to conduct analysis of water samples in their locality to test the potability of water and thus serve the community in the larger interests. Start dates: 6th December 2022 End date: first week of May 2023, Venue: DCT's Dhempe College of Arts and Science, Miramar Goa.

VII. EXTENSION AND OUTREACH: Nil

VIII. NODAL ACTIVITIES OF FACULTY MEMBERS:

1. Mrs. Varsha Virginkar was the judge for the elocution competition for the high school students of Goa organized on the occasion of the Goa liberation day celebration organized by Institute Menezes Braganza, Panaji Goa on 19th December 2022.



- IX. ALUMNI ACHIEVEMENTS : Nil**
- X. GENDER SENSITIZATION/EQUITY PROGRAMMES: Nil**
- XI. BEST PRACTICES: Nil**