



*Dnyanprassarak Mandal's*

**College and Research Centre (DMC)**

**Assagao, Bardez - Goa 403 507**

*“Inspiring, Igniting and Transforming to Excel”*

Affiliated to Goa University and recognised by U.G.C

Accredited by NAAC with 'A' Grade (4<sup>th</sup> cycle) with CGPA of 3.15/4.00

ISO 9001:2015 & ISO 14001:2015 Certified



**Department of Chemistry**

*In Association with*

**The Directorate of Higher Education**

*Organizes*

*A Two Days International Conference on*

**“Green Chemistry and Intellectual Property for  
United Nations Sustainable Development Goals”**

**“Green Chemistry is not our goal, but  
Green Chemistry for attaining Sustainability is our goal”**

**22<sup>nd</sup> - 23<sup>rd</sup> March, 2024**



With the growing concerns of environmental pollution, health burden, and depletion of natural resources, sustainability plays a pivotal role in understanding and solving these problems. Sustainability is defined as the proper utilization of existing natural resources, so that it does not affect the future generations. Sustainability is the need, to bring about environmental protection, economic growth, and social obligations. For the same, the United Nations have put forth, in its agenda 17 sustainable development goals., which has attracted the attention of research chemists around the world. More specifically, the green chemistry researchers have taken it as a challenge to foster innovations in their work that can suit the pattern to attain sustainability. As put forth by Sir Paul Anastas and Sir John Warner, the 12 green chemistry principles can be an useful path by which green chemists can look for inventions that matter. From waste prevention to waste valorization, from atom economy to reduced derivatization, from less hazardous chemical synthesis to using renewable feedstocks, from designing safer chemicals, to using safer solvents, from catalysis to using energy efficient technologies., and from pollution prevention to accident prevention, these principles have opened the door to greater innovations that can help achieve sustainability. Such novel inventions look for the need of intellectual property protection. With the support of IPR, the development of green chemistry has indeed been working towards attaining sustainability. So, its Green Intellectuals for Better Sustainability.

#### Objectives

- To understand the need for attainment of 17 United Nations Sustainable Development goals.
- To apply the principles of green chemistry for better sustainability.
- To foster green chemistry innovations towards Intellectual Property.
- To bridge the gap between Academics and Industry.

#### Topics covered

Green Chemistry, Industry Innovations and IP, UN Sustainable Development Goals, Waste Management, Green Innovations for Good Health, Catalysis, Biomass Valorization, Synthetic Methodologies, Energy, Sustainable Technologies. Sanitation, Green Analytical Methods, Green Nanotechnology, Safer Solvents.

#### Guidelines for Abstract Submission for Oral and Poster Presentation

❑ **Delegates from Colleges, Institutes, Universities and Industry (State, National and International) are invited**

❑ **Duration of oral Presentation: 10 mins.**

**Abstracts to be sent via email and texted to [sinthiyagawandi@gmail.com](mailto:sinthiyagawandi@gmail.com) or [karimashelkar@gmail.com](mailto:karimashelkar@gmail.com)**

❑ **For abstract format click on the link below:**  
<https://shorturl.at/IGHPQ>

#### Important Dates

❑ **Last date for Abstract submission : 17<sup>th</sup> March, 2024**

❑ **Abstract Acceptance date: 19<sup>th</sup> March, 2024**

Top three oral and poster presenters will be awarded with RSC medals, prizes and certificates



**“One-year complimentary affiliate RSC membership”**

## Eminent Speakers



**Prof. Antonio Patti,**  
Professor, School of  
Chemistry,  
Monash University,.



**Dr. Ravindra Purohit**  
Pharma Consultant,  
Founder Director of  
Vamsi Pharma Pvt Ltd.,  
Pune.



**Prof. Rakesh Sharma**  
Professor, University of  
Delhi, New-Delhi



**Dr. Anand Mahurkar ,**  
Founder, Am Legal  
Associates, Pune.



**Dr. Hemanth Kumar**  
Technical Board Advisor,  
Swarn Herbals,  
Haryana.



**Dr. Nitesh Mehta,**  
CoFounder, Director,  
Newreka Green Synh  
Technologies Pvt. Ltd,  
Mumbai.



**Dr. B. Gnanaprakasam**  
Associate Professor,  
Department of  
Chemistry, IISER-Pune.



**Dr. Amol Kulkarni**  
Scientist,  
National Chemical  
Laboratory, Pune.



**Dr A. Gangagni Rao**  
Bioengineering and  
Environmental Centre,  
CSIR-IICT, Hyderabad-  
India.



**Dr Krishna Sharma**  
Postdoctoral Research  
Associate, Green Chemistry  
Centre of Excellence,  
University of York, UK.

## ADVISORY BOARD

Shri. Kiran Shirodkar  
**Chief Patron**

Prof. D. B. Arolkar  
**Chairperson, Professor and Principal**

Dr. Bhanu Manjunath  
**Director, Syngenta Biosciences, Goa India**

Prof. Paul Anastas  
**Director, Centre for Green Chemistry and Green  
Engineering, Yale University**

Prof. Antonio Patti  
**Professor, Monash University, Australia**

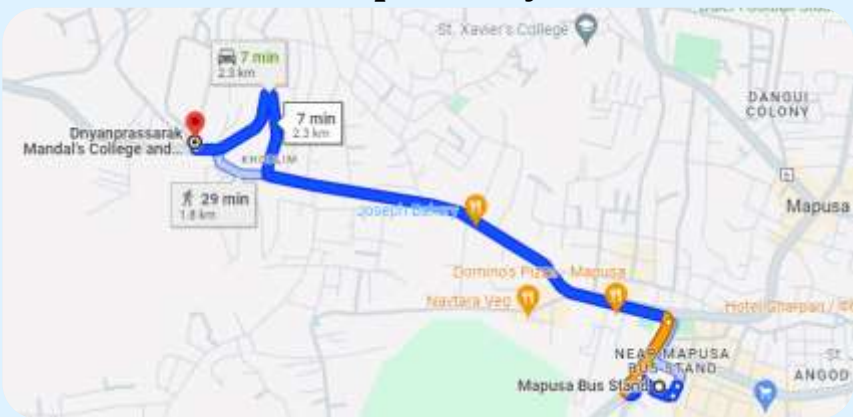
Prof. Rakesh Sharma  
**Professor , University of Delhi, New Delhi-India**

Prof. John Warner  
**SVP and Distinguished Research Fellow, Zymergen**

## About Dnyanprassarak Mandal's College and Research Centre Assagao-Bardez, Goa

Dnyanprassarak Mandal's college is a premier Institution of higher education in Goa. It is one of the oldest and prestigious colleges in Goa and right from its inception in 1974, for the last fifty years, it has successively contributed towards the welfare of the society by imparting quality education. Located on the picturesque Assagao hill, with a campus spreading over 30 acres of land, the college offers diverse courses at Undergraduate and Post-Graduate levels in faculties of Arts, Science, Commerce, Management and Technology. It has to its credit two Research Centres in Commerce and Chemistry which provide facilities to enrol for Ph.D. degree apart from consultancy services. The college is well-known for its commitment towards academic excellence providing holistic education and producing individuals who are socially and morally tuned to nation building. The Alumni of the college includes Chartered Accountants, Cost Accountants, MLAs, Ministers, Bureaucrats, Entrepreneurs, Managers, Bankers, Teachers, Principals, Educationists, Journalists, Artists, Sports persons, Police Officials and many others occupying prominent positions in the society.

### Location: From Mapusa city



## About Department of Chemistry



The Department of Chemistry, was started in 1996. Besides offering B.Sc. (Chemistry) degree under Choice based credit system, ours is the first and only college in Goa to start M.Sc. (Pharmaceutical Chemistry) in the year 2009. We also offer M.Sc. (Organic Chemistry) since 2017. The Research Centre (Chemistry) was started in the year 2013-14 and ours is the first college in Goa to offer Ph.D. in Chemistry. For the last 20 years, the faculty members are actively involved in research activities in diverse and advanced fields of chemistry such as synthetic organic chemistry, heterocyclic chemistry, green chemistry, advanced nanomaterials, organometallic catalysis, medicinal chemistry and drug discovery and pharmaceutical analysis.. Our department is the only department in Goa which is DST-Fist sponsored department. The faculty members have been engaged in major and minor sponsored projects by UGC, DST-Goa etc. the best practices of the department has been promotion of green chemistry and health awareness. The highlight of the department includes excellent academic and placement record, motivating research culture, and encouraging industry-academia relations.



## Organizing Committee

**Prof. Vidya Desai**  
**Professor and Convener**  
**(Head, Department of Chemistry)**

### Members

Dr. Rajesh Pednekar	Dr. E. Vadivel
Dr. Umesh Gawas	Dr. Amrita Natekar
Ms Wilma Fernandes	Dr. Vruta Kadkade
Dr. Sudesh Morajkar	Dr. Abhijit Shetgaonkar
Dr. Sinthiya Gawandi	Dr. Karishma Mashelkar
Mrs Pranaya Naik	Dr. Prabhat Dessai
Mrs Pooja Gadekar	Dr. Ram Gawas
Dr. Sudarshana Mardolkar	



~Our Sponsors~



ROYAL SOCIETY  
OF CHEMISTRY



Partnering



Green Chemistry  
Foundation

Registration details: via google form

<https://forms.gle/QN8DrDHURTeKfSvEA>

Students (UG)-Rs. 300

Students (PG)- Rs. 500

Research scholar- Rs. 1000

Faculty- Rs. 2000

Industry personnel- Rs. 3000

**Registration Fee should be paid by**

**NEFT:**

**Name of the Account:**

**Dnyanprassarak Mandal's College and Research Centre-  
Govt. Grant-in-Aid for Workshops/Seminar/Events A/c**

**A/c No.: 13030110034927**

**IFSC Code: UCBA 0001303**

**Bank Name: UCO Bank, A/c Type: Saving**

**Please submit the acknowledgement receipt in the form of  
Hard copy/ Soft copy**

**Convener: Prof. VIDYA DESAI**

**Contact Details: 7620568264, 9822180792**

**Email id: [desai\\_vidya@ymail.com](mailto:desai_vidya@ymail.com)**

**Register on or before 20<sup>th</sup> March, 2024 by 5 p.m.**

