



Dnyanprassarak Mandal's
College and Research Centre
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 (4th cycle) with CGPA of 3.15/4.00
ISO 9001:2015 & ISO 14001:2015 Certified



Department of Chemistry (Research Centre)
Organizes

One Day International Seminar

On



"From Laboratory To Industry: Green Chemistry For Circular Economy"

"CELEBRATING 25 YEARS OF GREEN CHEMISTRY PRINCIPLES"

Looking Beyond Green

18th May 2023



Paul Anastas, well known as the father of chemistry coined the word “**Green Chemistry**” way back in the year 1995. According to Sir Anastas, green chemistry is an engineered science for designing of products and processes, for reducing and minimizing the use and manufacture of hazardous substances. This concept was further understood with the introduction of 12 green chemistry principles by Sir Anastas and co-founder Sir John Warner, in the year 1998. The growth and success of industries globally, is accompanied by areas of wastes generation problems, that include climate change, stratospheric ozone depletion, ocean acidification, atmospheric aerosol loading etc. The industries have been realizing the need for implementation of the concepts of atom economy, catalysis, energy efficient technologies, safer solvents, reduced derivatives, use of renewable feedstocks, biodegradation etc. Green chemistry has paved the way to circularize chemistry towards circular economy and sustainability. This has further revolutionized industries for better growth and sustainable future.

Objectives

- To understand the principles of green chemistry.
- To promote knowledge of green chemistry in industry.
- To understand the concept of circular chemistry.
- To define the role of green chemistry for circular economy.

Topics

Green Chemistry innovations for industry, Sustainable Flow Chemistry, Economy benefits, Need for renewable feedstocks, Food and waste Valorization, Atom economical synthesis, Laboratory safety, design for degradation, catalysis, circular chemistry in industry, mechanodesigns for industry, decarbonization.

Abstract Submission for Oral Presentation

❑ **From colleges, institutes ,universities and industry (state, national and international).**

❑ **Last date for Abstract submission :
15th May 2023**

❑ **Abstract Acceptance date:
16th May 2023**

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

**Abstracts to be sent via email and text to
panu.fadte23@gmail.com**

❑ **Typewritten, less than 150 words, Times Roman Font
size 12 pt**

❑ **Title must be bold, authors, presenting author to be
underlined, authors affiliation with email id**

❑ **Indicate whether virtual or in person.**

Top three oral presenters to get medal prizes



Eminent Speakers



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



James Hanley Clark
Professor, Chemistry,
Director,
Circa Renewable Chemistry Institute
University of York, York-England



Dr. J.C. (Chris) Slootweg
Faculty of Science Van 't Hoff Institute
for Molecular Sciences,
University of Amsterdam,
Amsterdam-Netherlands



Dr S. Venkata Mohan
(Shanti Swarup Bhatnagar (SSB) Prize'2014)
Bioengineering and Environmental Centre,
CSIR-Indian Institute of Chemical
Technology, Hyderabad-India



Prof. Mainak Banerjee,
Professor
Department of Chemistry
Birla Institute of Technology
Goa Campus

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Professor, Monash University, Australia

Dr S. Venkata Mohan
**Bioengineering and Environmental Centre,
CSIR-Indian Institute of Chemical Technology
Hyderabad-India**

Prof. James Clark
Professor, University of York, United Kingdom



Organizing Committee

Prof. Vidya Desai
Professor and Convener
(Head of the Department)

Members

Dr. Rajesh Pednekar
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Dr. Dipesh Harmalkar
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Registration details: via google form
<https://forms.gle/5CUfW4RW2EjwZYwY6>

Students (UG/PG)- Rs. 200
Research scholar- Rs. 300
Faculty- Rs. 500
Industry personnel- Rs. 1000

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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

Register before 17th May 2023

