



**UNIVERSITY GRANTS COMMISSION
HUMAN RESOURCE DEVELOPMENT CENTRE
GOA UNIVERSITY**

**Refresher Course in
Chemical Science
(ONLINE)**

From 26.07.2022 to 08.08.2022

**For the members of the faculty of
College / University that are included under
Section 2(f)/12 (B) of the UGC Act**

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**Dr. Ingrid Anne P. Nazareth, Asst. Professor
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UGC-Human Resource Development Centre

Goa University

Refresher Course in Chemical Science (Online)

from 26-07-2022 to 08-08-2022

A REPORT

1. UGC-HRDC, Goa University conducted its Refresher Course in Chemical Science (Online mode). There were 40 participants were registered for the course. Participants were from the state of Goa, Maharashtra, Karnataka, Kerala, West Bengal, Tamil Nadu, Uttar Pradesh, Gujarat and Madhya Pradesh. Majority of the participants were from the State of Maharashtra. There were 29 male and 11 female participants.
2. Prof. Purva welcomed the Resource person and participants for the Refresher Course was inaugurated by Dr. Vidhyadatta M. S. Verenkar, Dean, School of Chemical Sciences and Prof. in Inorganic Chemistry, Goa University, in the presence of Prof. Purva G. Hegde Desai, In-Charge Director and Dr. Ingrid Anne P. Nazareth, Assistant Professor, UGC-HRDC. The Course was Co-ordinated by Prof. Sunder Dhuri, Vice Dean (Research) School of Chemical Sciences, Goa University. 4 lecture sessions were delivered daily (online) from 10.00 a.m. and 5.00 p.m. with a lunch-break of 1 hour.
- 3 Course was enriched with most eminent resource persons across the country. The theme of the Refresher Course was "The topics in the fields of water pollution & control, Air pollution & control Macromolecules & industrial applications;, Electrochemistry & applications, catalysis, electron spin resonance, group theory in spectroscopy, computers in chemical Applications, Bio-sensors & applications, material chemistry, medicinal chemistry of natural products, Synthetic Organic Chemistry, alternate fuels, crystallography, sustainable nanotechnology, molecular sensors, chemical lab safety, In-situ Spectroscopy, molecular sensors, green chemistry, functional materials etc.
- 4 Some of the topics that were presented by participants are: Solid state nuclear track detectors and their applications in radiation measurements, Chemistry of essential oils, Miscellar nanoreactors for organic transformations, Related to area of research specialization, Physical Chemistry, Oxidative C-H bond functionalization of terminal alkynes,



Symmetric synthesis a powerful tool for Organic Synthesis Heterogeneous Photocatalysis etc.

- 5 The participants were made to write Major Research Project Proposal as per UGC format, which was later assessed. They also had to submit the presentation Seminars report on the topic of their choice, which were assessed. A participants session was also held (online). At the end the participants had to answer the objective type test, which was evaluated, and graded accordingly.
- 6 Prof. Purnakala Samant, Principal, Khandola College, Khandola-Goa delivered valedictory speech to the participants. Some of the participants gave their feedback about the course. Dr. Ingrid Anne P. Nazareth read the course report and gave the vote of thanks.

We are enclosing herewith:

- a. Time-table
- b. List of Resource persons and topics.
- c. List of Participants sessions with topics
- d. Evaluation by the participants – summary
- e. Participants details.
- f. Participants Evaluation sheets

(Prof. Purva G. Hegde Desai)
In-Charge-Director-UGC-HRDC

Purva
DIRECTOR
HUMAN RESOURCE DEVELOPMENT CENTRE
GOA UNIVERSITY
GOA - 403 206



UGC-Human Resource Development Centre

Goa University

Refresher Course in Chemical Science (Online)

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Participants Details

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