

**S.S.E.S Amti's Science College Congress Nagar, Nagpur,
Department of Chemistry,
Guest Lecture organized on the occasion of "International Ozone
Day" 16th Sept 2021**

The Department of Chemistry, S.S.E.S Amti's Science College Congress Nagar, Nagpur, organized a Guest Lecture on **"Sustainability through Molecular imprinting-Idea, Concept & execution"** on the occasion of International Ozone Day. The guest lecture was conducted by virtual mode on Google meet platform, at 12.00 noon, on 16.09.2021. The Guest speaker was Dr. Anupama Kumar, Associate Professor, Department of Chemistry, VNIT, Nagpur, MS (India).

Objectives of conducting guest lecture was to preserve & protect the environment & also aware the student about depletion of ozone layer and their consequences on environment. The session started with the welcome by Dr. V.R. Kinhikar. She welcomed the online audience and the Guest Speaker.

The speaker mainly focused on measures to minimize depletion of ozone layer by using biorefinary. She also highlighted the concept of molecular imprinting for sustainable development.

After the presentation, a Q&A session was conducted, where the Speaker addressed the queries of student & faculty members. The session concluded with vote of thanks to the Prof. M. P. Dhore, Principal, SESA Science College, Nagpur for their valuable guidance and encouragement to make the event successful & Dr. R U Khope ,Head of department of chemistry for their cooperation & continuous support. The convener of the program was Dr.Yogita Meshram & Co-convener was Dr. V.R. Kinhikar. All the staff members and around 128 students actively participated in this event.

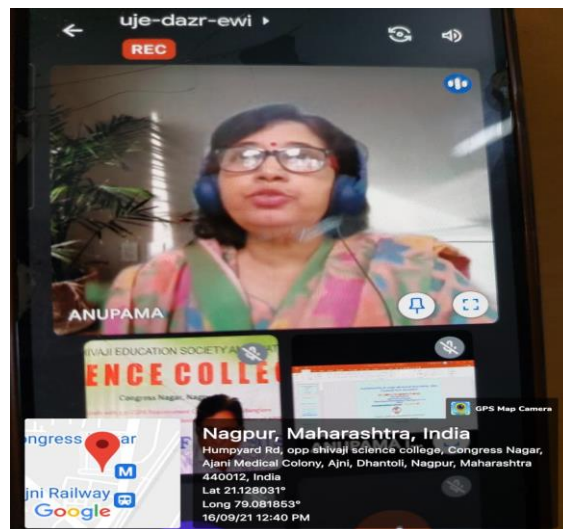
Shri Shivaji Education Society, Amravati's
SCIENCE COLLEGE
 Congress Nagar, Nagpur-12 (M.S.), India
 Accredited with COPA of 3.51 at 'A' grade
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 Mentor College under 'PARAMARSH' Scheme, UGC, New Delhi

On the occasion of International Ozone Day
 Department of Chemistry
 Organizes
Guest Lecture
 Speaker
Dr. Anupama Kumar
 Associate Professor, Department of Chemistry
 Visvesvaraya National Institute of Technology (VNIT Nagpur)

Date: Thursday, 16-09-2021 Time 12:00 Noon

Co-Convenor: **Dr. Y. R. Kinikar**, Department of Chemistry
 Convener: **Dr. Y. K. Meshram**, Department of Chemistry
 Head: **Prof. R. U. Khopre**, Department of Chemistry
 Chairman: **Prof. M. P. Dhore**, SSES's Science College, Congress Nagar, Nagpur

Google Meet Link for Participation :- meet.google.com/uje-dazr-ewi



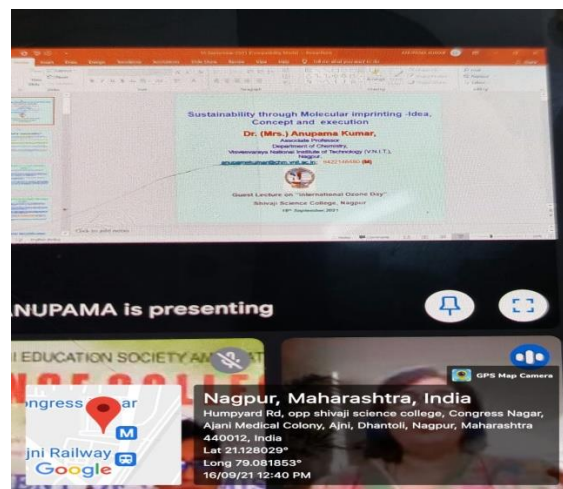
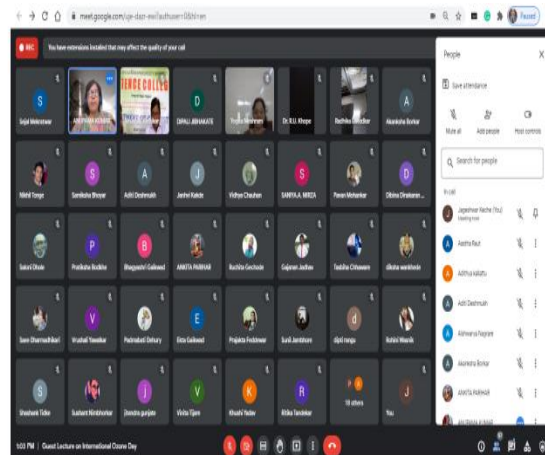
Dual Imprinting & Dummy template Strategy

- Involves more than one template (multiple single template synthesis of group of analytes in a single step), provides shorter duration of analysis & Cost
- **Dummy template Strategy:** Useful if the Template is toxic, expensive or incapable of forming a stable template-analyte complex.

Dual imprinting for the simultaneous removal of Salicylic acid & Cadmium
 Selection of precursors

Outlines a green synthesis route for 90% Purities of Ethanol

Reaction	Yield (%)	Time (min)	Cost (₹)
1	90	15	10.00
2	85	20	12.00
3	80	25	15.00



Guest Lecture organized on the occasion of International Ozone Day on 16th Sept 2021 at Virtual mode

