

Webinar Report

One day international webinar on '*The Chemistry and Biology Interface*'

Date: 29.09.2021

Report of the Webinar

A webinar on “The Chemistry and Biology Interface” was organised by department of Chemistry, Rampurhat College, Rampurhat, Birbhum, West Bengal on 29th September 2021, from 11:00 am to 1:30 pm (IST).

Dr. Buddhadeb Mukherjee, Teacher-In-Charge, Rampurhat College welcomed the resource person **Professor Sanjib Senapati**, Department of Biotechnology, Indian Institute of Technology Madras, Chennai and **Dr. Ayaya Bhattari**, Assistant Professor of Chemistry, Mahendra Morang Adarsh Multiple Campus, Tribhuvan University, Biratnagar, Nepal. The event was conducted by **Dr. Arindam Gangopadhyay**, Convener and **Dr. Soumik Bardhan**, Joint-Convener of this webinar and Assistant Professor respectively, Department of Chemistry, Rampurhat College.

The webinar was held on Google Meet and also hosted on YouTube

Links:-

You Tube Link: <https://youtu.be/iUUJTJscJng>

Google Meet Link: meet.google.com/muy-ezzz-giq


The first eminent speaker **Professor Sanjib Senapati**, deals with the self-assembles reverse micelles in supercritical CO₂ entrapped protein in native state and he covered his speech by giving the concept about Ionic liquids and super critical CO₂ as promising green solvents for biotransformation, enzyme catalysis and long-term preservation of biomolecules. His objective is to elucidate molecular level interactions between biomolecules and ionic liquids, modulated kinetics of protein folding and increased solubilization & enhanced extraction of proteins and other hydrophilic substances in water-in-CO₂ reverse micelles, etc.

The second speaker **Dr. Ayaya Bhattari** spoke on the interconnection between biology and chemistry in differential interesting ways. His current research interest is in Polymer Chemistry, Surface Chemistry and Nanomaterials as well as theoretical studies of Glass-Forming liquids.

In the last question answer session were done by the both resource persons with the participant and clear their doubts. Lastly **Dr. Buddhadeb Mukherjee**, TIC, Rampurhat College gave vote of thanks to all participants, resource persons and beloved students of this webinar. During the webinar session feedback link was send to the message box of meeting link and about 120 participants were replayed through the link.

One Day International Webinar on
'The Chemistry and Biology Interface'
 Date: 29.09.2021 Time 11:00 am(IST) onwards
 Platform: Google Meet
 Organized by Department of Chemistry in collaboration with
 IQAC Rampurhat College, Birbhum, West Bengal, India

Eminent Speakers	Title of the lecture
Prof. Sanjib Senapati Professor of Biotechnology, Indian Institute of Technology (IIT) Madras Chennai 600036, India	 "Self-Assembled Reverse Micelles in Supercritical CO ₂ Entrap Protein in Native State"
Dr. Ajaya Bhattarai Assistant Professor of Chemistry, Mahendra Morang Adarsh Multiple Campus, Tribhuvan University, Biratnagar, Nepal	 "Interconnecting Chemistry and Biology in differential ways"

Chief Patron	Vote of Thanks	Convener	Jn. Convener	Organizing Committee
 Dr. Asish Banerjee President of Governing Body Rampurhat College	Dr. Buddhadeb Mukherjee Teacher- in -Charge Rampurhat College	Dr Arindam Gangopadhyay Assistant Professor & Departmental In- Charge Department of Chemistry Rampurhat College	Dr. Soumik Bardhan Assistant Professor Department of Chemistry	1. Dr. Tapan Kumar Bhattacharyya, Associate Professor, Department of Chemistry 2. Dr. Prabal Kumar Sinha IQAC Co-coordinator and Associate Professor of Philosophy 3. Dr Prasanta Chatterjee Associate Professor, Department of Chemistry 4. Dr Asma Yasmee Khan Assistant Professor Department of Chemistry 5. Dr Anita Das Assistant Professor Department of Chemistry

Contact for any queries -Dr Arindam Gangopadhyay (9434375722), Dr. Soumik Bardhan (9932387325)

Registration Link : <https://forms.gle/yjv5toLF1pw9NpXV8>

Youtube Link : <https://youtu.be/iUUJTJscJng>

Google Meet Link : <meet.google.com/muy-ezzz-giq>