

**REPORT ON ONE DAY INTERNATIONAL WEBINAR "CHEMISTRY : THE CHALLENGES AND OPPORTUNITIES"**

on 13th OCTOBER, 2020

DEPARTMENT OF CHEMISTRY

SHAHID MATANGINI HAZRA GOVT. COLLEGE FOR WOMEN

Department of Chemistry, Shahid Matangini Hazra Govt. College organized a one day international webinar on "Chemistry: The Challenges and Opportunities" on 13th October, 2020 on Google Meet platform as well as on You-Tube live streaming. The seminar focused on implementation of new technologies for development in the field of organic chemistry. The program started at 03:00 pm with the welcome address by Smt. Sayanwita Panja, Assistant Professor, Dept. of Chemistry. The inaugural speech was delivered by Dr. Bijoy Krishna Roy, Principal. Sri Debapriya Bhattacharyya, IQAC Coordinator, welcomed all the students, research experts and faculty members and expressed his gratitude to organizers for organize such webinar on a theme, relevant to recent scientific needs. Key note address was given by Dr. Rathin Jana, HoD, Assistant Professor, Dept. of Chemistry. Also he briefly described about the department, laboratory facilities, smart class rooms facilities about our college. Around 250 participants including faculty members as well as both UG and PG students of different colleges and universities of India actively participated in the webinar.

The first Resource person for the webinar was Dr. Modhu Sudan Majhi, Associate Professor, Department of Chemistry, IIT Kharagpur, delivered a lecture on "Chemistry: An ocean of Opportunities". He shared his research works and talked about the importance of science used in daily life of people by the students.

The second Resource person for the webinar was Dr. Ranjan Jana, Principal Scientist & Ramanujan Fellow, Organic & Medicinal Chemistry Division, CSIR-IICB, Kolkata talked about "Green Chemistry and Engineering from a Societal Perspective". He displayed various activities, efforts and achievements in the field of science for human welfare. The participants particularly the students became very motivated by hearing his particular journey in the area of research. He described the topic very well with simple explanation which really was successful to attract the interests of the participants. He also gave his valuable suggestions regarding the Dr. Bijoy Krishna Roy, Principal building of career in research after UG level. The participants were well benefitted from his talk.

The third Resource person for the webinar was Dr. Indranil Chatterjee, Assistant Professor, Department of Chemistry, IIT Ropar, gave a presentation on "Strategies in Asymmetric Catalysis". He emphasized on different enantiomers or diastereomers of different compounds having different biological activities. He also explained about few commercial drugs which are sold as single enantiomer drugs which exhibits the desired pharmaceutical activities while the other enantiomer or diastereomer is inactive or in many cases even harmful.

The fourth Resource person for the webinar was Dr. Narayan Sinha, Post-Doctoral Fellow, University of Basel, Switzerland, presented his work on "Chemoselective and One-pot Sequential Cross-Coupling of Poly (pseudo) halogenated (Hetero) Arenes using Pd-NHC Precatalysts". He nicely elaborated the specific topic as well as provided valuable informations regarding the process of doing research in any particular area of interest.

The whole session was chaired by Smt. Mitali Dewan, Assistant Professor, Dept. of Chemistry and Sri Basudeb Mondal, Assistant Professor, Dept. of Chemistry. Finally, the webinar was ended around 07:00 pm with vote of thanks which was delivered by Smt. Sayanwita Panja, Assistant Professor, Dept. of Chemistry. The webinar was coordinated by Dr. Rathin Jana, HoD, Assistant Professor, Dept. of Chemistry. The attendees were also awarded certificate for their participation.

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