



March 1, 2022

National Conference on Sustainability, Medicine and Clean Energy

Organized by

Department of Chemical Sciences in collaboration with InSCIgnis, Tezpur University

About the Conference

The conference is being organized as part of the [SILVER JUBILEE celebration of the Department of Chemical Sciences](#). The department has successfully completed its glorious 25th year of existence in inculcating human resources in diverse areas of Chemical Sciences.

Following United Nations' **Sustainable Development Goals (SDGs)**, which are a collection of 17 interlinked global goals designed to be a "blueprint to achieve a better and more sustainable future for everyone", we aimed at bringing eminent scientists working in the field of Sustainability, Good Health and Well-being & Affordable and Clean Energy. Thus, considering the necessity and importance of the SDGs, we look forward to various deliberations and presentations by experts as well as young researchers to achieve BETTER LIFE.

We welcome you all to this one-day conference on [March 1, 2022](#), which is being organized in collaboration with InSCIgnis, the mega science event of Tezpur University celebrated on the occasion of National Science Day.

The conference is being organized in both [virtual and physical mode of presentation](#).

Prof. Rahul Banerjee, FRSC



He is a Professor in the Department of Chemical Sciences, Indian Institute of Science Education and Research (IISER) Kolkata, India. His research interests are Crystal Engineering, Metal Organic Frameworks (MOFs), Covalent Organic Frameworks (COFs), and Metallogel Chemistry for various separation, catalysis and proton conductivity applications.

He has been awarded Shanti Swarup Bhatnagar Prize in Chemical Sciences for 2018 jointly with Prof. Swadhin K. Mandal.

Prof. Swadhin Kumar Mandal, FRSC



He is a Professor in the Department of Chemical Sciences, Indian Institute of Science Education and Research (IISER) Kolkata, India. His research interests are developing concepts to avoid metals during various catalytic processes. They have been exploring various low-valent organo-main group species for their efficacy in catalytic CO₂ reduction and functionalization to various value added products.

He has been awarded Shanti Swarup Bhatnagar Prize in Chemical Sciences for 2018 jointly with Prof. Rahul Banerjee.

Dr. Anupom Sabhapondit



He is currently working as a Senior Materials and Corrosion Engineer in Shell Technology Center, Bangalore. His areas of experience are water soluble polymers, oil and gas production chemicals and technologies and material science. He contributed to an Indian and 9 US patents and 16 research publications.

Dr. Babita Baruwati



She is an Open Innovation Manager, Unilever Industries Pvt Limited, India; Her job involves working with academia, SMEs and Partners to win companies to bring in new technologies for Unilever applications.

She earned PhD in Materials Science and did her Postdoc in US EPA as an ORISE research fellow in the field of green and sustainable chemistry concentrating primarily on nanomaterials. She has more than 30 publications in reputed peer reviewed international journals and 5 patents.

Prof. Parthasarathi Das, FRSC



He is a Professor in the Department of Chemistry, Indian Institute of Technology (ISM) (IIT-ISM) Dhanbad, India. His research interests are Medicinal Chemistry and chemical biology, Total Synthesis of Biological Active Molecules, Affordable Synthesis of FDA-Approved Drugs, Synthesis and Characterization of Drug Impurities, etc.

He has been awarded Bronze Medal of Chemical Research Society of India (CRSI).

Prof. Ujjal Kumar Gautam



He is a Professor in the Department of Chemical Sciences, Indian Institute of Science Education and Research (IISER) Mohali, India. His research works focus on developing functional nanomaterials and their applications in energy harvesting and environmental remediation..

Dr. Aravinda Agarwalla



He is a Patent Analyst and Sr. Scientist, Intellectual Property Analysis Team, SABIC with broad experience in all aspects of Patent searching and Analytics. He has extensive experience with Novelty, FTO, Opposition and Validity searches and also performed Patent Landscapes, Portfolio study, Due Diligence, Company Profiling, and Maintenance studies. He has R&D experience in the field of Polymer Science & Analytical Chemistry.

Please visit for details:

<https://sites.google.com/view/smctu/>

[Registration form:](#)