

Activity Report of One day National Webinar on Chemistry:

Topic Name: *Design Your Profession with Chemical Interface of Industry*

Date: 18th July, 2021

Time: 10:00am-12.30pm

Number of participants: 55

Objective: The program was organised with the main objective of motivating and instilling confidence in the students to make a successful career in field of chemistry. This webinar also aimed at providing 1st hand experience by connecting them to successful chemical industry representative who have shaped their career by studying chemistry. The program was also conducted to make the students aware of the innumerable options available to them in chemistry apart from teaching jobs or other conventional jobs.

Name of Speakers:

1. Dr. Jiaul Hoque

Profile: Post-Doctoral Researcher, School of Medicine, Duke University, USA

Due to unfortunate circumstances issues he was unable to present.

2. Shirshendu Gope

Profile: Research & Development, Asian Paints PPG

Mr. Gope gave his brief introduction along with his academic and professional career. He explained as how chemistry is useful in shaping one's career. His insights on use of chemistry in various sectors of industries. As he belongs from paint industry, he explained the use of chemistry in various stages of paint manufacturing, testing & development. His presentation gave the students a deep understanding and broadened their beliefs on making chemistry as their choice of studies and thereby evolving it into their mainstream career building.

3. Dr. Biplab Mondal

Profile: Research Scientist, TCG Lifesciences Pvt. Limited, Kolkata

Dr. Mondal hailed from a Life sciences industry. In his presentation he gave details about his academia and although being average student from a regular degree college he has completed basic graduation in chemistry and then continued his master's studies as well as Ph.D. in chemistry. Thereafter he got success in securing a job based on chemistry. He also stressed on continuing higher studies and simultaneously look for govt job/ research opportunities and also pvt sector jobs. He laid emphasis on persistent efforts to develop ones career with chemistry through hard work. He also presented specific list of industries where chemistry background students can readily look forward to apply for jobs. His presentation appreciated by all students.

4. Dr. Arnab Roy

Profile: Global Product Manager, Merck KGaA

Dr. Roy belonged from a pure chemical product company. His started of the presentation with engaging playful activity related to chemistry. Through this activity he stressed on the fact that students should not get bogged down by the complexities of chemistry rather they should enjoy the subject from within. He stated that loving the subject would enhance ones capabilities to learn and enrich their ideas. This in turn would help them to develop their career in chemistry.

Srikrishna College, Bagula

Invites you all to attend

One day National Webinar on Design your Profession with Chemical Interface of Industry

July 18, 2021

10.00 a.m - 12.30 p.m

***Organised by Department of
Chemistry in Association with
Internal Quality Assurance Cell
(IQAC), Srikrishna College***



SPEAKER 1

Dr. Jiaul Hoque

Post Doctoral Researcher, School of Medicine,
Duke University, North Carolina , USA



B.Sc.

Malda College
(University of North
Bengal)



M.Sc.

University of North
Bengal (NBU)



Ph.D.

Jawaharlal Nehru
Centre for Advanced
Scientific Research
(JNCASR)



Post Doc

School of Medicine, Duke
University, Durham, North
Carolina, USA

Research Area: Applications and development of bio-inspired/smart materials in tissue engineering and regenerative medicine primarily focusing on musculoskeletal diseases/disorders

Publications: 28 high impact international publications

Patents: 3 patents filed in India, USA, Europe and many other countries

Award received: Gandhian Young Technological Innovation (GYTI) award

Holder of National Institute of Health (NIH), USA Postdoctoral Fellowship, and a member of the reviewer's panel for postdoctoral fellows in the PRESTIGE Marie Curie COFUND program, France.

SPEAKER 2

Shirshendu Gope

Research & Development, Asian Paints PPG



- Executive course on PAINT TECHNOLOGY from **Institute Of Chemical Technology(ICT), Mumbai**, conducted by The Colour Society & Indian Paint Association.
- A competent professional with **8 years of experience** in Research & Development sector.
- Previous Organization : Kansai Nerolac Paints, Mumbai.
- Presently associated with Asian Paints PPG (Color Protect 2, Research & Technology Division), Mumbai.

Publications: One National and one international Publication

SPEAKER 3

Dr. Biplab Mondal

Research Scientist, TCG Lifesciences Pvt. Limited



B.Sc.

University of Kalyani



M.Sc.

University of Kalyani



Ph.D.

University of Kalyani



Post Doc

National Post-doctoral Fellow,
Centre of Biomedical Research

Research Area: (i) Organic Chemistry: Synthesis and arylation of heterocycles via C–H bond functionalization.
(ii) Transition–metal–catalyzed sp² C–H borylation of arenes using new type of directing groups and ligands.

Sept. 2019–present: Research Scientist, TCG Lifesciences Pvt. Limited (formerly “Chembiotek Research International”).

Publications: 10 international publications

Award received: (i) National Post-doctoral Fellowship
(ii) DAAD Fellowship, Germany

SPEAKER 4

Dr. Arnab Roy

Global Product Manager, Merck KGaA



B.Sc.

St. Xavier's College



M.Sc.

University of Calcutta



**Advanced
Diploma**

(Bioinformatics)
University of Calcutta



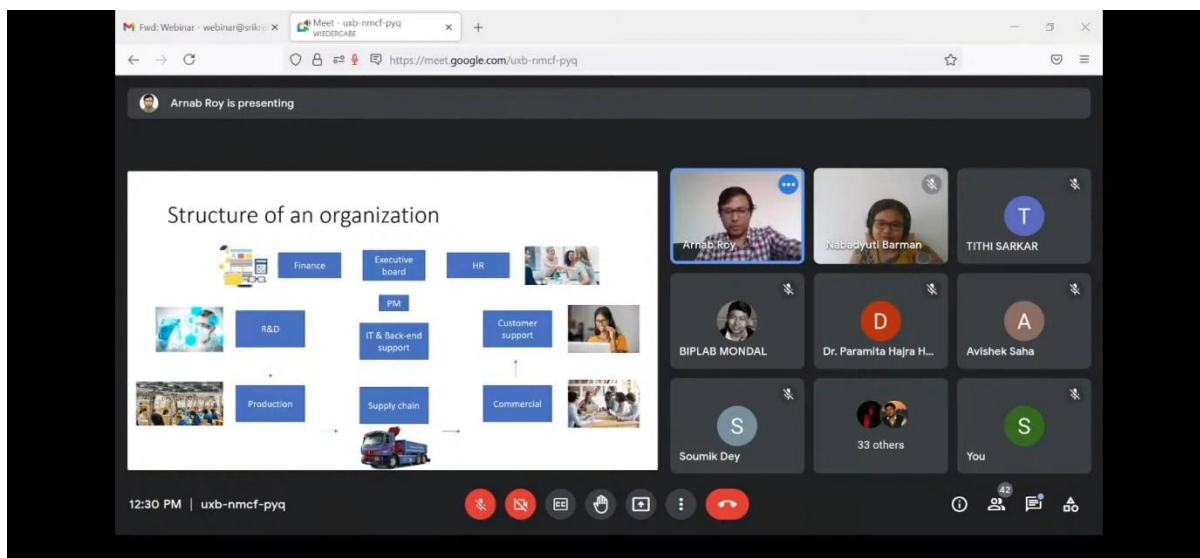
Ph.D.

Indian Institute of Science,
Bangalore

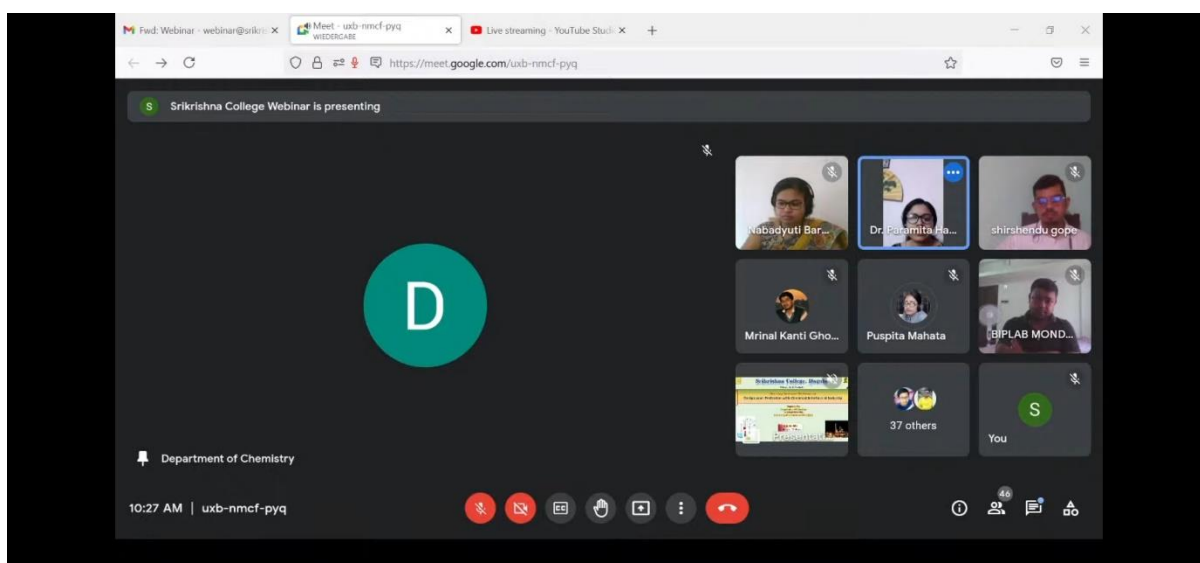
Professional Experience: (1) Previous: Senior Research Scientist – IISc, Bangalore
(2) Senior Technical Service Specialist- Merck KGaA
(3) Present: Global Pdt Manager- Merck KGaA

Publications: 4 international publications

Award received: (i) National Post-doctoral Fellowship
(ii) DAAD Fellowship, Germany



Dr. Arnab Roy, Global Product Manager, Merck KGaA, Delivering his speech.



Mr. Shirshendu Gope, Research and Development, Asian pain PPG, Delivering His Speech

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Microsoft PowerPoint window: 977 - Change Your Pathways with Chemical Structure of Uniquely - Microsoft PowerPoint

Different Fields of Chemistry

B.Sc. Chemistry(H)

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graph TD; Root[B.Sc. Chemistry(H)] --> Tech[Technical(B.Sc.)]; Root --> NonTech[Non Technical(M.Sc.)]; Tech --> PhysTech[Physical Chemistry]; Tech --> OrgTech[Organic Chemistry]; Tech --> InorgTech[Inorganic Chemistry]; NonTech --> PhysNonTech[Physical Chemistry]; NonTech --> OrgNonTech[Organic Chemistry]; NonTech --> InorgNonTech[Inorganic Chemistry]; PhysTech --> PhysTechSub[Physical Chemistry]; OrgTech --> OrgTechSub[Organic Chemistry]; InorgTech --> InorgTechSub[Inorganic Chemistry]; PhysNonTech --> PhysNonTechSub[Physical Chemistry]; OrgNonTech --> OrgNonTechSub[Organic Chemistry]; InorgNonTech --> InorgNonTechSub[Inorganic Chemistry];
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Right sidebar (Participants):

- shirshendu gopei
- Dr. Paramita Hajra H...
- Nabadyuti Barman
- Sumi Biswas
- PARTHA BISWAS
- Proshanta Biswas
- 41 others
- You

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