

## **Report of the Seminar delivered by Dr. N. K. Saha.**

**Date:** 2<sup>nd</sup> March, 2020

**Time:** 11:00-13:00 hrs.

**Speaker:** Dr. Nirmal Kumar Saha (CSMCRI, RO membrane division)

**Seminar arranged by:** Dr. Swarnali Nath Choudhury (HOD Chemistry, ISS at IUT)

**Host:** Mr. Bilash Chandra Roy (student: M.Sc. Chemistry)

### **Schedule:**

- ❖ Arrival of Dr. N. K. Saha at IUT and informal meeting with faculties in the Board room: 10:30 hrs.
- ❖ Seminar start: 11:00 hrs.
- ❖ Felicitation and welcome speech by HOD Chemistry, Dr. Swarnali Nath Choudhury.
- ❖ Beginning of the Seminar: 11:30 hrs.
- ❖ Interaction sessions: 12:30 hrs
- ❖ Vote of thanks by Dr. Ganesh Chandra Paul

### **Details of the audience present:**

All the faculties of the Department of Chemistry and M.Sc. Chemistry students (1<sup>st</sup> and 2<sup>nd</sup> year): Total: 38.

### **About the speaker:**

Dr. Nirmal Kumar Saha is an eminent scientist from CSMCRI, Gujrat, under CSIR.

### **Magnet of the Seminar:**

It was an interactive learning session aimed for the M. Sc. Chemistry students. This topic of research and development encompasses multidisciplinary approach, and aspects of membrane filtration technology were discussed. Basics and present day cutting edge technologies were introduced to the audience with applications all over India and even abroad. Methods for sea-water harvesting, ground water purification (Arsenic pollution removal), and sewage water treatments were discussed in details.

Scopes of research and development at CSMCRI and other affiliated research institutes were discussed in the interactive session. Scopes of student projects were discussed for summer term, research associate (after M. Sc.), and even for pursuing Ph.D. Special opportunity for students from north east region (NER) is given by the government. As a result, accommodation

and expenses for using lab facilities are being offered free of cost for the students from NER at CSMCRI. Students were encouraged to join CSMCRI in projects and email contact details were shared with them.

**Photographs of the session:**



**1. Meeting in the Board-room**



**2. Meeting in the Board-room**



**3. Welcome speech by Dr. Swarnali Nath Choudhury, H.O.D Chemistry**



**4. Seminar by Dr. N. K. Saha**



**5. Seminar by Dr. N. K. Saha**



**6. Vote of thanks by Dr. Ganesh Chandra Paul**