

## Activity of Chemistry Department, Women's College under DBT Star College Scheme

31<sup>st</sup> December 2021 to 31<sup>st</sup> March 2022

### List of exhibitions/seminars/training courses conducted by the Chemistry Department:

The Chemistry Department conducted in-house Workshop and Popular Talk programs:

1. One day workshop on “**Introducing GREEN METHODS in Undergraduate Chemistry Practical**” on 1<sup>st</sup> February, 2022 by Dr. Samhita Bhaumik, Associate Professor, Department of Chemistry, WC
2. Popular Lecture on “**Naturopathy: In Connection to COVID-19**” on 7<sup>th</sup> February 2021 by Dr. Gautam Chel, Associate Professor, Department of Chemistry, WC

### Name of the Resource Persons invited for the Workshop and Popular Talk program:

A Series of Guest lecture cum Popular talk Program on Frontier topics of Chemistry from 15<sup>th</sup> February to 8<sup>th</sup> March, 2022

- (i) **Dr. Amitabha Saha**, Assistant Professor, Department of Chemistry, KNM, Sonamura  
**Topic of the workshop:** ‘Metachromatic Interaction of Some Cationic Dyes’  
**Date:** 15<sup>th</sup> February 2022
- (ii) **Dr Bishu Karmakar**, Member-Secretary, TSPCB, Govt. of Tripura, Agartala  
**Topic of the lecture:** ‘Environmental Pollution and Its Management’  
**Date:** 4<sup>th</sup> March 2022
- (iii) **Mr. Suman Kr. Chakraborti**, Dy. Director (Chemistry Division), Tripura State Forensic Science Laboratory, Narsingarh, Agartala  
**Topic of the lecture:** ‘Chemistry in Crime Investigation-The Chemical Detective’  
**Date:** 5<sup>th</sup> March 2022
- (iv) **Dr. Mitali Saha**, Associate Professor & HOD, Department of Chemistry, NIT, Agartala  
**Topic of the lecture:** ‘Carbon to Nanocarbon and Graphene’  
**Date:** 8<sup>th</sup> March 2022

### Laboratory visits by the students:

The students of B.Sc. 3<sup>rd</sup> and 5<sup>th</sup> Semester (Major) along with the faculties of Chemistry Department visited the following Institutes/ Research Laboratory for some analytical help regarding their project work and also to make themselves familiar with some of the sophisticated instruments.

- (a) National Institute of Technology, Agartala on 21<sup>st</sup> March 2022
- (b) Laboratory of Tripura State Pollution Control Board, Govt. of Tripura, Agartala on 25<sup>th</sup> March 2022

### Industrial visits by the students:

A visit to OTPC, Palatana, Udaipur, Gomati District, Tripura was conducted for all Chemistry Major students of 3<sup>rd</sup> & 5<sup>th</sup> Semester on 29<sup>th</sup> March 2022 and guided by faculties of Chemistry department. In that Industrial visit UG students were exposed to thermal power project and got idea about the procedure of electricity production by thermal process.

## Photo Gallery:

### Workshop, Popular Talk, Laboratory-visit & Industry-visit during 2021-2022



Workshop on Green Chemistry



Popular Talk on Naturopathy: In Connection to COVID-19



Workshop on Metachromatic Interaction of Some Cationic Dyes



Lab Visit at NIT, Agartala



Lab visit at TSPCB, Agartala



Industry visits to OTPC, Palatana



Celebration of NSD-2022

## 2022-2023

### 1. Training Program/ Project work for 6<sup>th</sup> semester Hons Students:

- (a) Training program for three students on ‘antimicrobial activity of Plant Products’ in Women’s Polytechnic Institute, Hapania

**Name of the students:**

- (i) Smt. Arpita Bhowmik, 6<sup>th</sup> sem Hons student
- (ii) Smt Simran Bhowmik, 6<sup>th</sup> sem Hons student
- (iii) Smt. Shreya Rakshit, 6<sup>th</sup> sem Hons student

- (b) Training program for three students on ‘antidiabetic activity of local herbal plants of Tripura’ in Tripura University, Suryamaninagar

**Name of the students:**

- (i) Smt. Aparna Paul, 6<sup>th</sup> sem Hons student
- (ii) Smt Subarna Dey, 6<sup>th</sup> sem Hons student
- (iii) Smt. Priya Roy, 6<sup>th</sup> sem Hons student

- (c) Project work on ‘Mangasene and Copper Chelates: synthesis and spectral properties’ at Women’s College by Dr. Samhita Bhaumik, Associate Professor

**Name of the student:**

- (i) Smt. Solankhi Roy, 6<sup>th</sup> sem Hons student

- (d) Project work on ‘Calcium contents in locally available different brands of milk in Tripura’ at Women’s College by Dr. Samhita Bhaumik, Associate Professor

**Name of the student:**

- (i) Smt. Nabanita Biswas, 6<sup>th</sup> sem Hons student

- (e) Project work on ‘Flowering pigments: In quest of natural indicators’ at Women’s College by Dr. Gautam Chel, Associate Professor

**Name of the students:**

- (i) Smt. Debarati Das, 6<sup>th</sup> sem Hons student  
(ii) Smt. Parmita Nandi, 6<sup>th</sup> sem Hons student  
(iii) Smt. Nandini Debbarma, 6<sup>th</sup> sem Hons student  
(iv) Smt. Raseswari Debbarma, 6<sup>th</sup> sem Hons student

- (f) Project work on ‘Adsorption capacity of active charcoal obtained from different sources’ at Women’s College by Sri. Narottam Karmakar, Assistant Professor

**Name of the students:**

- (i) Smt. Debasmita Majumder, 6<sup>th</sup> sem Hons student  
(ii) Smt. Sweta Debnath, 6<sup>th</sup> sem Hons student  
(iii) Smt. Ranita Sen, 6<sup>th</sup> sem Hons student  
(iv) Smt. Arpita Sarkar, 6<sup>th</sup> sem Hons student  
(v) Smt. Ankurita Paul, 6<sup>th</sup> sem Hons student  
(vi) Smt. Parama Majumder, 6<sup>th</sup> sem Hons student

**2. Training Program and Project work for 6<sup>th</sup> semester General Students:**

Training program on ‘Water Quality of local river of Tripura’ in the laboratory of Tripura State Pollution Control Board, Govt. of Tripura, Agartala

**Name of six students:**

- (i) Smt. Sania Saha, 6<sup>th</sup> semester General student  
(ii) Smt. Sarmistha Paul, 6<sup>th</sup> semester General student  
(iii) Smt. Gayatri Sarkar, 6<sup>th</sup> semester General student  
(iv) Smt. Reshmi Debnath, 6<sup>th</sup> semester General student  
(v) Smt. Sayanika Sengupta, 6<sup>th</sup> semester General student  
(vi) Smt. Ishita mahalanabish, 6<sup>th</sup> semester General student

# Photo Gallery:



