

SEMINAR REPORT

Title of the seminar : “Celebration of World Environmental Day”

Organizing department : Conjointly by the Department of Chemistry, Sammilani Mahavidyalaya and Department of Chemistry, Netaji Nagar College for Women

Date : 6th June, 2022 Monday;

Time: 12.00 Noon – 3.00 P.M.

Venue : Room No. 103 of Sammilani Mahavidyalaya

Name of the speakers and topics :

Speaker 1: Dr. Chaitali Bhattacharjee
Associate Professor, Department of Chemistry
Netaji Nagar College for Women

Topic 1: Chromium (VI) Toxicity and Mitigation

Speaker 2: Charu Chand Hansda
Assistant Professor, Department of Chemistry
Netaji Nagar College for Women

Topic 2: Environment and Sustainability

Audience : Around thirty participants were present in the seminar, which included students, teachers and other staff of Chemistry Department of both the colleges.

Seminar report :

The department of Chemistry of Sammilani Mahavidyalaya and Department of Chemistry, Netaji Nagar College for Women conjointly organized a one day college level seminar entitled “Celebration of World Environmental Day” on **6th June, 2022 Monday** from 12 noon to 3 pm. Two eminent speakers from **Dept.**

of Chemistry, Netaji Nagar College for Women named, Dr. Chaitali Bhattacharjee and Charu Chand Hansda delivered a valuable popular lecture to the present audience.

The day's programme ended with a short 'Tree Plantation Ceremony' by the students and teachers of the department.

Abstract of the Speaker 1, Dr. Chaitali Bhattacharjee is given below :

Naturally occurring chromium metals are Cr(0), Cr(III) and Cr (VI). Chromium is a trace metal and must be obtained from diet, deficiency of which can cause diabetes. Chromium is highly valued in industries such as steel making, welding, wood treatment, leather tanning etc. Hexavalent Cr is extremely carcinogenic on inhalation and on exposure to environment. It may also affect respiratory tract, lung, skin etc. Discharge of this toxic Cr(VI) into environment mostly arises from industries (effluents). Microbe mediated mitigation from contaminated soil through biosorption, bioaccumulation, bioleaching, biotransformation etc.

Abstract of the Speaker 2, Charu Chand Hansda is given below :

In our modern life we cannot remain unaffected by our natural environment but for our betterment and long life we can easily follow some things, synthetic methods, procedures which makes sustainable for everything. This is the importance of sustainability in day to day life.

- Things used everyday
- Life style and environment
- Synthesis from natural sources
- Artificial Synthesis
- Synthesis using sustainable methods (Green Synthesis)
- Key of sustainability (Self awareness)

Photo:

Celebration of World Environmental Day
Departmental Seminar
Jointly Organized By
Sammilani Mahavidyalaya
And
Netaji Nagar College For Women

Date and Time: 6th June, 2022, 12 noon
Venue: Sammilani Mahavidyalaya, Department of Chemistry

Speaker 1: Dr. Chaitali Bhattacharjee
Associate Professor, Chemistry, NNCW
Topic 1: Chromium (VI) Toxicity and Mitigation

Speaker 2: Charu Chand Hansda
Assistant Professor, Chemistry, NNCW
Topic 2: Environment and Sustainability



NETAJI NAGAR COLLEGE FOR WOMEN**REACCREDITED BY NAAC WITH GRADE B+**

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Ref.No.:

Date :

Collaborative Activities (year-wise) with Sammilani Mahavidyalaya

Program Name	Dates of Programs	Resource Persons And Institution	No. of Participants and Students	Synopsis of the Program
Year 2021-2022				
Departmental Seminar: Celebration of World Environment Day	06.06.2022	1) Dr. Chaitali Bhattacharjee Assoc. Prof. Dept of Chemistry, Netaji Nagar College for Women 2) Charu Chand Hansda Asstt. Prof. Dept of Chemistry, Netaji Nagar College for Women	30 (students of all semesters and staff of both colleges)	Two teachers from the department of Chemistry, Netaji Nagar College for Women delivered lectures on the occasion of World Environment Day
Year 2022-2023				
Faculty Exchange	23.09.2022 12.11.2022 25.11.2022 02.12.2022	Dr Gitashri Naiya, Dept of Chemistry, Netaji Nagar College for Women	9 students of Chemistry Honours Semester V, Sammilani Mahavidyalaya	Paper: CEMA CC5-11-P and CEMA DSE-A2-Th (FORTRAN)

Signature of Principal
Sammilani MahavidyalayaPrincipal
Sammilani Mahavidyalaya
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Signature of Principal
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