#### **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 6<sup>th</sup> 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:

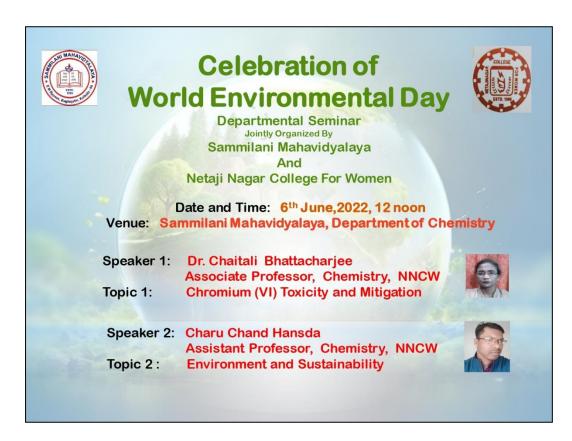
Naturally occurring chromium metals are Cr(0), Cr(III) and Cr (VI). Chromium is a trace metal and must be obtained from diet, deficiency of which can cause diabetes. Chromium is highly valued in industries such as steel making, welding, wood treatment, leather tanning etc. Hexavalent Cr is extremely 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:







# **NETAJI NAGAR COLLEGE FOR WOMEN**



## REACCREDITED BY NAAC WITH GRADE B\*

170/13/1, Netaji Subhas Chandra Bose Road Regent Estate, Kolkata-700 092

E-mail: netajinagarwomen@yahoo.com Website: www.netajinagarcollegeforwomen.in

Ref.No.:

Date:

Record of Classes Held (Teacher and Student Exchange Program)

MOU: Sammilani Mahavidyalaya and Netaji Nagar College for Women

Session: July 2022-December 2022

Serial No.	Dates	Event: Classes taken No. and Details		Signature of participating	Signature of HODs of both Institution	
				Teacher(s) and/or Student(s)	NNCW	SMV
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2	12.11.22	DO	(3)	<b>(3</b> )	es.	clai
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Signature of Principal
Sammilani Mahavidyalaya

Teacher-In-Charge Sammilani Mahavidyalaya E.M. Bypass, Baghajatin, Kolkata- 700 094 zhosh

Signature of Principal

Netaji Nagar college for Women

Principal Netaji Nagar College for Women Regent Estate, Kol - 92

# Phone : (033) 2411-6711

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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 202 <b>1</b> -202 <b>3</b>		
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 Mahavidyalaya

Principal Sammilani Mahavidyalaya E. M. Bypass, Baghajatin Kolkata – 700 094 Signature of Principal Netaji Nagar College for Women

Principal
Netaji Nagar College for Women