

Webinar on “Groundwater: Making the Invisible Visible”

On the occasion of World Water Day, 22nd March, 2022, the department of Chemistry, Debraj Roy College, Golaghat in collaboration with **Debraj Society for Chemistry and Environment & Jana Sewa Mission (NGO)**, Golaghat have organised a one day webinar on the theme “**GROUNDWATER: MAKING THE INVISIBLE VISIBLE**”. Dr. Ritusmita Goswami, Assistant Professor, Centre for Ecology, Environment and Sustainable Development, TISS, Guwahati was the Chief Guest Speaker and she has delivered a nice presentation on the topic “Groundwater issues and challenges”. Md. Abdul Wajib Ahmed, Principal, Jatiya Vidyalaya, Hatiakhuwa, Golaghat has delivered a lecture on Jal Jivan Mission in Golaghat, Assam. The Webinar was inaugurated by our Respected Principal Sir Dr. Jayanta Barukial. Mr. Jyoti Pd. Dutta, HOD, Chemistry gave a speech on behalf of the department. Besides that we have conducted an offline drawing competition among School students of class I to Class IX. A total 49 school students of class I to class IX took part in the drawing competition. Judge of the competition was Mr Benu Saikia of Furkating. Miss Sukanya Das, Asst. Professor and Dr. Romen Chutia, Asst Professor of D. R. College, Golaghat were the co-ordinators of the Webinar. Dr. Mridul Chetia, Assistant Professor, Chemistry was the Programme co-ordinator of the offline Drawing competition.

The following are some of the photographs of the webinar:

Webinar on
WORLD WATER DAY
22nd MARCH, 2022
Theme : “Groundwater: Making the invisible Visible”

SINCE 1949 SINCE 1949

UNDER THE AEGIS OF DEPARTMENT OF CHEMISTRY DEBRAJ ROY COLLEGE, GOLAGHAT

IN COLLABORATION WITH DEBARAJIAN SOCIETY FOR CHEMISTRY AND ENVIRONMENT & JANA SEWA MISSION (NGO), GOLAGHAT

EVENT HIGHLIGHTS

➤ LECTURE BY INVITED SPEAKERS

Dr. Ritusmita Goswami
Assistant Professor,
Centre for Ecology, Environment and
Sustainable Development,
TISS, Guwahati

Mr. Abdul Wajib Ahmed
Principal,
Jatiya Vidyalaya,
Hatiakhuwa

➤ DRAWING COMPETITION AMONG SCHOOL STUDENTS OF GOLAGHAT DIST.
TOPIC: Groundwater pollution/Groundwater conservation
PROGRAMME COORDINATOR : Dr. Mridul Chetia, Assistant professor
Dept. Of Chemistry, Debraj Roy College, Golaghat

INAUGURATOR
Dr. Jayanta Barukial
Principal,
Debraj Roy College,
Golaghat

ORGANIZING COMMITTEE

◆ President : Mr. Jyoti P. Dutta, Associate Professor & HoD
◆ Coordinators : Dr. Romen Chutia, Assistant Professor
Ms. Sukanya Das, Assistant Professor
◆ Members : Mr. Bedanta K. Borah, Associate Professor
Dr. Suwangshu Dutta, Associate Professor
Dr. Mridul Chetia, Assistant Professor

WEBINAR TIME : 6:30 PM ONWARDS

Registration link :
https://docs.google.com/forms/d/1GoCVC_tnDEmgGhRSzdzoedl75KrpLjotl_v8mweCqgblc/edit

Whatsapp group invite link:
<https://chat.whatsapp.com/11EvOYeZBAc2RAvmHzd7nd>

*E-certificate will be issued to the registered participants
Contact : 7002668871, 9706971759

Drawing Competition
Sub: - Ground water pollution

(A group)

① 1st position - Sohani Khan
Class - VIII
Gurukul Global Academy

② 2nd " - Sumitra Saikia
Class - VI
Hamdoi Sr. Basic, Tetelitol.

③ 3rd - Asha Kumari Shah
Class - IX
Ganigaon High School

④ Consolation - Samrat Karma Kar
Class - VII
Gurukul Global Academy
Group (B)

① 1st Bikash mandal
Class - III
Hamdoi Sr. Basic.

② 2nd - Akashi Konewar.
Class - V
Ganigaon H.S.

③ 3rd - Antanikha Dutta.
Class - (i)
Jatio Bidyalaya, Hatiakhawa.

④ Consolation :- Parthapratim gopi.
Class - V
Ganigaon H.S.

Benu
(BENU SAIKIA)
25 March - 2022

Browser tabs: Inbox (1,984) - mridul7chetia@ Meet - yjf-mswb-gau

Address bar: meet.google.com/yjf-mswb-gau?pli=1&authuser=0

Navigation: Gmail YouTube Maps

6:42 PM | yjf-mswb-gau

Search bar: Type here to search

Browser tabs: Inbox (1,984) - mridul7chetia@ Meet - yjf-mswb-gau

Address bar: meet.google.com/yjf-mswb-gau?pli=1&authuser=0

Navigation: Gmail YouTube Maps

Presenter: Swastika Parashar is presenting

Water Day 22 talk - Microsoft PowerPoint

Slide 1 of 10 | Pibhauak | English (United States)

7:03 PM | yjf-mswb-gau

System tray: 28°C Haze | ENG IN | 19:03 | 22/03/2022

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meet.google.com/yjf-mswb-gau?pli=1&authuser=0

Gmail YouTube Maps

Swastika Parashar is presenting

Arsenic study in Assam

Sample

Water Sediment Biological

Field testing

7:24 PM | yjf-mswb-gau

28°C Haze 19:24 22/03/2022

Participants: Swastika Parashar, Abdul Ahmed, sukanya das, JYOTI PRASAD D..., Jayanta Barukial, Ritu Thakur, ChemistryDept. D..., 48 others, You

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Gmail YouTube Maps

Swastika Parashar is presenting

Arsenic removal treatment

Solar radiation
coagulants
Chlorine or $KMnO_4$
 $As^{III} \rightarrow As^{V}$
Co-precipitation
adsorption

Rain water harvesting
Deep Tube well
Surface water
Alternative source of water

Ways to reduce the arsenic load

Protein rich diet
Folic acid supplementation
Folate SAM

Rice grown aerobically
Sprinkler irrigation
Resistant Genotype
Rinsing and cooking in excess

Cooking adaptation and irrigation techniques

Tata Institute of Social Sciences

7:42 PM | yjf-mswb-gau

28°C Haze 19:42 22/03/2022

Participants: Swastika Parashar, Abdul Ahmed, sukanya das, JYOTI PRASAD D..., Jayanta Barukial, ChemistryDept. D..., Ritu Thakur, 42 others, You