



# NETAJI SUBHAS OPEN UNIVERSITY

(NAAC Accredited with Grade-A)

Regional Centre, Kalyani

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## REPORT FOR OBSERVATION OF STUDENTS' WEEK-2024

### Interactive exposure on Science Laboratories visits by School's Students

*Jointly Organized by Regional Centre, Kalyani & School of Sciences*

Date & Time: 8th January, 2024; 12:00 PM

As per Order vide Memo No.- 303/Admn/83/M&D/PBSSM Dated 19/12/2023 of Higher Education Department, Government of West Bengal; Netaji Subhas Open University, Regional Centre, Kalyani and School of Sciences, NSOU jointly organized a "Interactive exposure visit by school students" on 8<sup>th</sup> January, 2024 (Monday) to celebrate the "Students' Week-2024" at Muktheadhara Shabhaghar, Kalyani Campus.

#### **EVENT HIGHLIGHT:**

<b>Title of the Event:</b>	Interactive Exposure Visit by School Students
<b>Organized By:</b>	Regional Centre, Kalyani & School of Sciences
<b>Venue:</b>	Muktheadhara Shabhaghar, Kalyani Campus, NSOU
<b>Date &amp; Time:</b>	8 <sup>th</sup> January, 2024; 12:00 PM
<b>Invited School:</b>	<b>Saraswati Trust Estate Vidyapith</b> , Kalyani, Students (30 in no Approx.)

#### **MEMBERS PRESENT:**

- Dr. Premananda Jana, Director, R.C, Kalyani
- Shri J. P Chowdhary, Asst. Director, R.C, Kalyani
- Dr. Sintu Ganai, Asst. Professor, Chemistry, School of Sciences
- Dr. Puspall Mukherjee, Asst. Professor, Chemistry, School of Sciences
- Mr. Mrinal Nath, Asst. Professor, Computer Science, School of Sciences
- Dr. Pabitra Mondal, Asst. Professor, Physics, School of Sciences
- Dr. Goutam Mallik, Assoc Professor, Physics, School of Sciences
- RC Staffs

### **Details of the programme:**

At the outset, Dr. Premananda Jana, Director, R.C, Kalyani mentioned about the great initiative taken by Department of Higher Education, Government of West Bengal, and thanked and applauded for the same. He welcomed to all the dignitaries (Directors, Faculties, Officers) and students of Saraswati Trust Estate Vidyapith on behalf of NSOU. He also informed about the objective of the programme and benefits of the students.

### **Department of Zoology:**

"On 8th January, 2024, about 30 students of Class 10 from Saraswati Trust Estate Vidyapith visited the laboratories of the Department of Zoology in the KRC, NSOU. Dr. Anirban Ghosh, Associate Professor accompanied by research scholar Sri Nabajit Mondal demonstrated the activities and usages of different instruments of the "Cell Development and Immunobiology Laboratory". The students were made familiar with the laboratory model animals like Zebrafish and animal experimentation facility in the laboratory. Students had experienced the present use of basic digital microscopy in observing tissue and cells. They were shown the instruments like microplate reader/ELISA, different centrifuge and their usages and basic laboratory instruments and setup for cell biology. Mostly, the approach was to grow inquisitiveness among the students and make them interested in science and its application."





### Chemistry Laboratory Visit:

Dr. Sintu Ganai extended a warm welcome to all participants and commenced the Chemistry laboratory tour, accompanied by a discussion on the instruments housed in the Instruments Laboratory (Room No-104). Subsequently, the participants proceeded to explore the Organic Chemistry Laboratory in Room No-101. He showcased various safety equipment, including aprons and safety glasses. Demonstrating a series of experiments, illustrated how to differentiate between acidic and basic food items using indicators like litmus paper, with examples such as lemons and berries.

Dr. Puspall Mukherjee conducted several simple experiments showcasing color changes with indicators such as Phenolphthalein, Methyl Orange, and Litmus paper. The participants thoroughly enjoyed the Vanishing color experiment, Dr. Mukherjee then provided insights into identifying commonly used glass apparatus like Beakers, R.B. Flasks, Conical Flasks, Funnels, Condensers, Burettes, and Pipettes. The comprehensive tour offered participants valuable hands-on experiences and enhanced their understanding of practical aspects in the field of Chemistry.



The program was ended with a vote of thanks by Shri J.P Chowdhary, Asst. Director, RC, Kalyani.  
The meeting was concluded with a positive note.

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**Prepared by**

**Dr. Sintu Ganai,  
Assistant Professor, Chemistry**

**Dr. Anirban Ghosh  
Associate Professor, Zoology**

**Mr. JP Chowdhary,  
Asst. Director, RC, Kalyani**