

**Programme outcome**  
**DEPARTMENT OF CHEMISTRY**  
**Session: July, 2021 – June, 2022**

**Title of the Programme** : One Day Seminar  
**Date of Programme** : 21st September, 2021  
**Introduction** :

To encourage students in their academic pursuits and introduce them to other fields of study that they can pursue in future

**Brief report on the programme** (Different achievements and benefits of the programme)

- **SPEAKER:** Dr. Rajat Banerjee, Associate Professor, Department of Biotechnology and Dr B C Guha Centre for Genetic Engineering and Biotechnology, University of Calcutta, Kolkata
- **Title of Talk:** WHEN CHEMISTRY MEETS BIOLOGY: A PERSPECTIVE
- Students of all semesters participated enthusiastically in the talk by listening attentively and asking questions about their future scope of studying biotechnology, molecular biology, genetics etc.

Video link (youtube):

**Text file link in college portal (Flyers/report etc):** [https://bgc.ac.in/pdf/webinar/WEBINAR-22921\\_compressed.pdf](https://bgc.ac.in/pdf/webinar/WEBINAR-22921_compressed.pdf)

**Attach image files (Flyers, Geotag Images of the programme)**

The flyer is titled "WHEN CHEMISTRY MEETS BIOLOGY: A PERSPECTIVE" in pink text on a blue background. Below the title, it states "ORGANISED BY DEPARTMENT OF CHEMISTRY IN COLLABORATION WITH IQAC BARASAT GOVT. COLLEGE". The flyer features a photo of Dr. Rajat Banerjee, labeled "SPEAKER", with his name and affiliation: "Dr. Rajat Banerjee, Associate Professor, Department of Biotechnology and Dr B C Guha Centre for Genetic Engineering and Biotechnology, University of Calcutta, Kolkata". To the right, it lists the "Patron: Dr. Samar Chattopadhyay (WBSES), Principal, Barasat Govt. College" and the "Convenor: Dr. Prabin Kumar Bhattacharyya, Head, Dept. of Chemistry". A list of details includes the date "22nd September, 2021, 5 pm onwards", a registration link "https://forms.gle/pqR9wEhMa93BAzFpZ", the platform "Google meet", and a note that an "E-certificate will be provided to all participants".

**WHEN CHEMISTRY MEETS BIOLOGY: A PERSPECTIVE**  
ORGANISED BY DEPARTMENT OF CHEMISTRY IN COLLABORATION WITH IQAC  
BARASAT GOVT. COLLEGE

**SPEAKER**  
Dr. Rajat Banerjee, Associate Professor  
Department of Biotechnology and Dr B C Guha  
Centre for Genetic Engineering and  
Biotechnology, University of Calcutta, Kolkata

**Patron:** Dr. Samar Chattopadhyay (WBSES)  
Principal, Barasat Govt. College

**Convenor:** Dr. Prabin Kumar Bhattacharyya  
Head, Dept. of Chemistry

- Date: 22<sup>nd</sup> September, 2021, 5 pm onwards
- Participation is free but registration required in advance following the link <https://forms.gle/pqR9wEhMa93BAzFpZ>
- Platform : Google meet, link to be provided via e-mail on 21st September, 2021
- E-certificate will be provided to all participants

**Title of the Programme** : One day webinar to commemorate National Science Day

**Date of Programme** : 24th February, 2022

**Introduction** :


To encourage students in their academic pursuits and introduce them to the field of absorption and emission spectroscopy and scope of research in India and abroad.

**Brief report on the programme** (Different achievements and benefits of the programme)

- **SPEAKER:** Dr. Tapash Halder, Post Doctoral Fellow, Emory University, USA
- **Title of Talk:** Measuring biological interactions using spectroscopic techniques
- Students of all semesters participated enthusiastically in the talk by listening attentively and asking questions about their future scope of studying molecular spectroscopy.

**Text file link in college portal (Flyers/report etc):** <https://bgc.ac.in/pdf/webinar/Chemistry-webinar-24-2-22-flyer.pptx>

**Attach image files (Flyers, Geotag Images of the programme)**

| <b>A one-day webinar<br/>organized by the Department of Chemistry<br/>in collaboration with IQAC, Barasat Govt. College</b>                                                           |                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Speaker</b><br><b>Dr. Tapas Halder</b><br>Post doctoral fellow,<br>Emory University,<br>USA | <b>Topic: Measuring biological interactions using spectroscopic techniques</b><br><br>Date: <b>24<sup>th</sup> February, 2022</b><br>(Thursday)<br>Time : <b>11 am</b><br>Google link :<br><a href="https://meet.google.com/fmw-fryd-cez">https://meet.google.com/fmw-fryd-cez</a> | <b>Patron</b><br><b>Dr. Samar Chattopadhyay (WBSES)</b><br>Principal, Barasat Govt. College<br><br><b>Convenor</b><br>Dr. Prabir Bhattacharya<br>Head, Department of Chemistry,<br>Barasat Govt College |

**Title of the Programme** : One day webinar to commemorate National Science Day

**Date of Programme** : 1st March, 2022

**Introduction** :


To encourage students in their academic pursuits and introduce them to the field of environmental protection.

**Brief report on the programme (Different achievements and benefits of the programme)**

- **SPEAKER:** Dr. Abhishek Ghoshal, Conservation Scientist, Bombay Natural History Society, India
- **Title of Talk:** A natural lab beyond the clouds: Practicing science, policy and conservation in the Indian Himalayas.
- Students of all semesters participated enthusiastically in the talk by listening attentively and asking questions about their future scope of studying environmental science.

**Text file link in college portal (Flyers/report etc):** <https://bgc.ac.in/pdf/webinar/Chemistry-webinar-1-3-2022-flyer.pdf>

**Attach image files (Flyers, Geotag Images of the programme)**

| A one day seminar<br>organized by the Department of Chemistry<br>in collaboration with IQAC, Barasat Govt. College                                                                                            |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Speaker</b><br><b>Dr. Abhishek Ghoshal,</b><br><b>Conservation Scientist, Bombay Natural History Society, India</b> | <b>Topic: A natural lab beyond the clouds: Practicing science, policy and conservation in the Indian Himalayas</b><br><br>Date: 1 <sup>st</sup> March, 2022<br>(Tuesday)<br>Time : 11 am<br>Google link : <a href="https://meet.google.com/fmwv-fryd-cez">https://meet.google.com/fmwv-fryd-cez</a> | <b>Patron</b><br><b>Dr. Samar Chattopadhyay (WBSES)</b><br><b>Principal, Barasat Govt. College</b><br><br><b>Convenor</b><br>Dr. Prabir Bhattacharya<br>Head, Department of Chemistry,<br>Barasat Govt College |

**Title of the Programme** : Students Seminar

**Date of Programme** : 17.5.2022, 28.5.2022

**Introduction** :

To encourage students to research, compile and write on an academic topic and deliver a talk in an open forum with slides and presentations.

**Brief report on the programme (Different achievements and benefits of the programme)**

- **SPEAKERS:** 15 students of Semester IV were participated and spoke on various topics of their choice.
- The students learnt to use software to prepare slides and present the topic in a coherent compact manner
- They also learnt to face questions from the audience

**NOTICE**


A Student's online seminar of Semester IV students of Chemistry department, Barasat Govt. College will be held on 17.05.2022 at 11am via Google meet.

Link: xen-swag-ibm

Duration: 10 mins each.

| Sr. No. | Name                    | Topic                                           |
|---------|-------------------------|-------------------------------------------------|
| 1       | Sreyo Roy               | Isomerism                                       |
| 2       | Prerana Chowdhury       | Uses and applications of coordination compounds |
| 3       | Aritra Saha             | Impact of CFC on environment                    |
| 4       | Paulami Bhattacharyya   | Astrochemistry                                  |
| 5       | Dipanjana Bhattacharjee | Alkalie and alkaline earth metals               |
| 6       | Esha Paul               | NMR spectroscopy                                |
| 7       | Arkadip Mondal          | Do the plants use quantum computation           |
| 9       | Sumita Dutta            | Chemical reactions in living things             |
| 11      | Pushpita Dutta          | Dipole moment                                   |

All students of Semester 2, 4 and 6 should join the webinar positively.



Head

Department of Chemistry  
Barasat Govt. College

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All students of Semester 2, 4 and 6 should join the webinar positively.



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Department of Chemistry  
Barasat Govt. College

**Title of the Programme** : Gender sensitization program

**Date of Programme** : 24th March, 2022

**Introduction** :

Awareness program to sensitize students about the gender exploitation in society and rights and privileges of girl students.

**Brief report on the programme (Different achievements and benefits of the programme)**

- **SPEAKER:** Debapratim Chakroborty, Assistant Professor, Department of English
- Enthusiastic participation by students especially girls bringing their own views and experiences in the discussion and gaining knowledge on the role of ICC in preventing sexual harrasement.

**Attach image files (Flyers, Geotag Images of the programme)**



**Title of the Programme** : Celebration of 'Bhasha Dibash'

**Date of Programme** : 21st February, 2022

**Introduction** :

To commemorate International Language Day

**Brief report on the programme (Different achievements and benefits of the programme)**

- **SPEAKER:** Dr.Prabir Bhattacharyya & Dr. Arup Bandopadhyay, Associate Professor, Department of Chemistry
- Students realized the significance of pursuing academics in their own mother tongue and also came to know the contributions of many Bengali intellectuals in pursuing science in the local language.

**Text file link in college portal (Flyers/report etc)**

<https://bgc.ac.in/pdf/webinar/%E0%A6%AE%E0%A6%BE%E0%A6%A4%E0%A7%83%E0%A6%AD%E0%A6%BE%E0%A6%B7%E0%A6%BE-%E0%A6%A6%E0%A6%BF%E0%A6%AC%E0%A6%B8-%E0%A6%89%E0%A6%A6%E0%A6%AF%E0%A6%BE%E0%A6%AA%E0%A6%A8-%E0%A7%A8%E0%A7%A7%E0%A6%B6%E0%A7%87-%E0%A6%AB%E0%A7%87%E0%A6%AC%E0%A7%8D%E0%A6%B0%E0%A7%81%E0%A6%AF%E0%A6%BC%E0%A6%BE%E0%A6%B0%E0%A6%BF-%E0%A7%A8%E0%A7%A6%E0%A7%A8%E0%A7%A8.pdf>

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