

**DEPARTMENT OF BOTANY  
GOVERNMENT GENERAL DEGREE COLLEGE, SINGUR  
SEMINAR, WEBINAR, QUIZ, 2020-2021**

Sl No.	Date:	Seminar/ webinar/ quiz	collaboration with	Title:	Speakers and Affiliation:	Remarks	Platform:	Time:
1.	11.07.2020	Quiz	IQAC, Government General Degree College, Singur	Quiz on Plant Science	-	No. of Registration: 610 No. of Participants: 530 No. of Qualified Participants: 329 No. of Certificates Issued:329	Online (through google form link shared in the e- mail of the participants.)	12noon-6pm

Total 50 marks quiz; questions were from different discipline of Botany (mainly based on undergraduate syllabus of CBCS)



Sl No.	Date:	Seminar/webinar/quiz	collaboration with	Title:	Speakers and Affiliation:	Remarks	Platform:	Time:
2.	20.07.2020	Webinar	-	Understanding Plant Associated Microbiomes and Predicting the Microbiome Cycle	Sperker: Dr. Sayak Ganguli, Assistant Professor, Department of Biotechnology, St. Xaviers College, Kolkata	No. of Registration: 120 No. of Participants: 98 No. of Certificates Issued:90	Google Meet	6 pm

2 hrs lecture mainly focusing on the bioinformatics related information about the plant-microbes association.

  
*Invited Lecture*

**Topic: "Understanding Plant Associated Microbiomes and Predicting the Microbiome Cycle"**

Date: 20th July, 2020      Time: 6 PM      Platform: Google meet

**Speaker**  
**Dr. Sayak Ganguli**  
Assistant Professor  
Dept. of Biotechnology  
St. Xaviers College  
Kolkata, West Bengal, India



Organised by  
**Department of Botany**  
Government General Degree College, Singur

Patron: Dr. Santanu Chakrabarti; Principal  
Coordinator: Dr. Kamala Gupta ; HOD, Dept. of Botany

Organising Committee: Dr. Sellma Khatun; Asst. Prof., Dept. of Botany  
Dr. Aditi Jana; Asst. Prof., Dept. of Botany  
Ms. Sayantani Nath; Asst. Prof., Dept. of Botany  
Ms. Anumita Sarkar; Asst. Prof., Dept. of Botany

\*To attend and get further information join telegram group via provided link  
<https://t.me/joinchat/Rv24qU5xxB8ahdE7dtbhBg>

\*\*No registration fee required; All participants will get e- certificate after submission of feedback at the end of the lecture

Sl No.	Date:	Seminar/ webinar/ quiz	collaboration with	Title:	Speakers and Affiliation:	Remarks	Platform:	Time:
3.	27.07.2020	Invited Lecture	-	Key Immune Regulator In Covid 19 Infection: Cytokines	Speaker: Dr. Santanu Chakrabarti, Principal, Government General Degree College, Singur	No. of Registration: 112 No. of Participants: 99	Google Meet	6pm
2 hrs lecture covering the details immunological responses against the Covid 19 disease.								

**Invited Lecture**  
**Topic**

**KEY IMMUNE REGULATOR IN COVID 19  
INFECTION: CYTOKINES**

**Date: 27.07.2020**      **Time: 6 PM**

**Speaker**  
**Dr Santanu Chakrabarti**  
**Principal**  
**Govt. Gen. Degree College, Singur**  
**Hooghly, West Bengal , India**

**Organised by**  
**Department of Botany**  
**Government General Degree College, Singur**

**Platform: Google meet**  
**meeting link:**  
<https://meet.google.com/doq-djcc-ftw>

A lecture series (five lectures) by distinguished speakers from different disciplines of biology.



*Invited Online International Lecture Series*  
on  
*Life Science*



Organised by

**IQAC  
&  
Department of Botany  
Government General Degree College, Singur  
Hooghly, West Bengal**

Started from: 4th August, 2020

Platform: Google Meet



\*No registration fee required but registration is mandatory

\*\*E-certificate will be issued to those of the participants

who successfully attend all the lectures and submit quiz and feedback at the end of every lecture sessions

\*\*\* After registration please join the telegram group via provided link in the registration form; All lecture related information will be share in telegram group



Registration Link: <https://forms.gle/qUw1Jz7srAMNA3CV9>

### Probable Speakers

**Dr. Punarbasu Chaudhuri**

Assistant Professor  
Dept. of Environmental Science  
University of Calcutta  
Kolkata, West Bengal, India

**Prof. Gourab Gangopadhyay**

Professor  
Division of Plant Biology  
Bose Institute  
Kolkata, West Bengal, India

**Dr. Nandini Ghosh**

Assistant Professor  
Dept. of Microbiology  
Vidyasagar University  
Medinipur, West Bengal, India

**Dr. Monosij Ghosh**

FWO Post- Doctoral Fellow  
Environment and Health  
KU, Leuven, Belgium

**Prof. Sudipta Roy**

Professor  
Dept. of Botany  
University of Kalyani  
Nadia, West Bengal, India

### Organiser

**Patron: Dr. Santanu Chakrabarti**

Principal  
Govt Gen Degree College, Singur

**Advisor: Dr. Chaitali Bhattacharya**

IQAC Coordinator  
Govt Gen Degree College, Singur

**Convenor: Dr. Kamala Gupta**

HOD, Dept of Botany  
Govt Gen Degree College, Singur

**Joint Coordinators:**

**Dr. Aditi Jana**

Asst. Professor; Dept. of Botany  
Govt Gen Degree College, Singur

**Anumita Sarkar**

Asst. Professor; Dept. of Botany  
Govt Gen Degree College, Singur

**Organising Secretaries:**

**Dr. Selima Khatun**

Asst. Professor; Dept. of Botany  
Govt Gen Degree College, Singur

**Sayantani Nath**

Asst. Professor; Dept. of Botany  
Govt Gen Degree College, Singur



Seats limited; only 200 participants can participated in the lecture series on the basis of early registration



Contact us




[ggdc.bot.online@gmail.com](mailto:ggdc.bot.online@gmail.com)

Sl No.	Date:	Seminar/ webinar/ quiz	collaboration with	Title:	Speakers and Affiliation:	Remarks	Platform:	Time:
4.	04.08.2020	Invited Lecture Series: Lecture 1	IQAC, Government General Degree College, Singur	The Desolate Continent	Speaker: Dr. Punarbasu Chaudhuri, Assistant Professor, Department of Environmental Science, University of Calcutta	No. of Registration: 175 No. of Participants: 130 No. of Certificates Issued:124	Google Meet	4.30pm

One hour lecture about speaker's experience of the Antarctic expedition

**Online Invited Lecture**  
on  
*Life Science*  
LECTURE ONE

**Invited Speaker**  
Dr. Punarbasu Chaudhuri  
Assistant Professor  
Dept. of Environmental Science  
University of Calcutta  
Kolkata, West Bengal, India



**Topic: The Desolate Continent**

Date: 4.8.2020      Organised By      Time: 4:30 PM  
IQAC  
&  
Department of Botany  
Government General Degree College, Singur  
Hooghly, West Bengal

Platform: Google Meet

Sl No.	Date:	Seminar/ webinar/ quiz	collaboration with	Title:	Speakers and Affiliation:	Remarks	Platform:	Time:
5.	13.08.2020	Invited Lecture Series: Lecture 2	IQAC, Government General Degree College, Singur	An Overview on Weed Pollen Allergy in India from Immunological and Proteomic Perspective	Speaker: Dr. Nandini Ghosh, Assistant Professor, Dept. of Microbiology, Vidyasagar University, Medinipur	No. of Registration: 175 No. of Participants: 130 No. of Certificates Issued:124	Google Meet	6pm

One hour lecture about the pollen allergy emphasizing immunological prospect

**Online Invited Lecture**  
on  
*Life Science*  
LECTURE TWO

**Invited Speaker**  
Dr. Nandini Ghosh  
Assistant Professor  
Dept. of Microbiology  
Vidyasagar University  
Medinipur, West Bengal, India

**Topic: An Overview on Weed Pollen Allergy in India from Immunological and Proteomic Perspective**

Date: 13.8.2020      Time: 6 PM

Organised By  
IQAC  
&  
Department of Botany  
Government General Degree College, Singur  
Hooghly, West Bengal

Platform: Google Meet

Sl No.	Date:	Seminar/webinar/quiz	collaboration with	Title:	Speakers and Affiliation:	Remarks	Platform:	Time:
6.	16.08.2020	Invited Lecture Series: Lecture 3	IQAC, Government General Degree College, Singur	Crop Improvement: From Traditional Techniques to the State-of-Art And Prospects	Speaker: Prof. Gaurab Gangopadhyay, Professor, Division of Plant Biology, Bose Institute, Kolkata	No. of Registration: 175 No. of Participants: 130 No. of Certificates Issued: 124	Google Meet	6pm

One hour lecture about the different crop improvement techniques starting from plant breeding to genetical modified plants.

  
**Online Invited Lecture**  
 on  
*Life Science*  
 LECTURE THREE

**Invited Speaker**  
**Prof. Gaurab Gangopadhyay**  
 Professor  
 Division of Plant Biology  
 Bose Institute  
 Kolkata, West Bengal, India



**Topic**  
**Crop improvement: From traditional techniques to the state-of-art and prospects.**



Date: 16.8.2020 Time: 6 PM

Organised By  
 IQAC  
 &  
 Department of Rotany  
 Government General Degree College, Singur  
 Hooghly, West Bengal  
 Platform: Google Meet

Sl No.	Date:	Seminar/ webinar/ quiz	collaboration with	Title:	Speakers and Affiliation:	Remarks	Platform:	Time:
7.	23.08.2020	Invited Lecture Series: Lecture 4	IQAC, Government General Degree College, Singur	Toxicology and Environmental Health	Speaker: Dr. Manosij Ghosh, FWO, Post Doctoral Fellow, Environment and Health, KU, Leuven, Belgium	No. of Registration: 175 No. of Participants: 130 No. of Certificates Issued:124	Google Meet	6pm

One hour lecture about the various toxic hazardous materials released from different anthropogenic sources and their effect on our environment.



Sl No.	Date:	Seminar/webinar/quiz	collaboration with	Title:	Speakers and Affiliation:	Remarks	Platform:	Time:
8.	31.08.2020	Invited Lecture Series: Lecture 5	IQAC, Government General Degree College, Singur	Bacterial Quorum Sensing	Speaker: Prof. Sudipta Roy, Professor, Department of Botany, University of Kalyani, Nadia, West Bengal	No. of Registration: 175 No. of Participants: 130 No. of Certificates Issued: 124	Google Meet	6pm

One hour lecture about Quorum sensing (QS) mainly focusing bacterial cell to cell communication and interaction process that involves the production, detection, and response to extracellular signaling molecules called autoinducers (AIs).

  
**Online Invited Lecture**  
 on  
*Life Science*  
 LECTURE FIVE

**Invited Speaker**  
**Prof. Sudipta Roy**  
 Professor  
 Dept. of Botany  
 University of Kalyani  
 Nadia, West Bengal, India

**Topic: Bacterial Quorum Sensing**

**Date: 31.8.2020**      **Time: 6 PM**

Organised By  
 IQAC  
 &  
 Department of Botany  
 Government General Degree College, Singur  
 Hooghly, West Bengal  
 Platform: Google Meet



10.	19.06.2021-20.06.2021	Workshop	IQAC, Government General Degree College, Singur	A Two-day Workshop: Basic techniques in Biological Sciences	Speakers: Technical Session 1: Prof. Aryadeep Roychowdhury, Professor, Department of Biotechnology, St. Xavier's College, Kolkata Topic: Different Staining Techniques in Biology Technical Session 2: Prof. Anumita Sarkar, Assistant Professor, Dept of Botany, GGDC Singur Dr. Selima Khatun, Assistant Professor, Dept of Botany, GGDC Singur Dr. Aditi Jana, Assistant Professor, Dept of Botany, GGDC Singur  Technical Session 3: Topic: Practical Techniques in Taxonomy Prof. Anumita Sarkar, Assistant Professor,	No. of Registration: 265 No. of Participants: 230 No. of Certificates Issued:142	You Tube Live Streaming & Google Meet	10 am-3 pm
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					Dept of Botany, GGDC Singur Dr. Sayantani Nath, Assistant Professor, Dept of Botany, GGDC Singur Technical Session 4: Topic: Techniques in Cytogenetics and Transmission Genetics Dr. Sayantani Nath, Assistant Professor, Dept of Botany, GGDC Singur Dr. Aditi Jana, Assistant Professor, Dept of Botany, GGDC Singur			
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A two day long virtual workshop related to different practical procedure of biology including biotechnological process (isolation of DNA and gel electrophoresis), different staining techniques (microbiological staining and anatomical staining of plant and animal tissues), plant taxonomical study (workout and identification of plants from keys) and cytogenetical study (mitosis and m



A Two Day Workshop  
on

## Basic Techniques in Biological Science



Organized by

**Department of Botany**  
**In Collaboration with IQAC**  
**Government General Degree College, Singur**  
**Hooghly, West Bengal, India**

**Date: 19.06.2021 & 20.06.2021**

\*No registration fee required but registration is mandatory

\*\*E-certificate will be issued to the participants at the end of the workshop on successful submission of the quiz and feedback at the end of the workshop.

\*\*\* After registration please join the whats'app group via provided link in the registration form; All workshop related information will be shared in whats'app group

➤ **Registration Link:**

*Platform: G00G, F2E MEET & Youtube video*

## PROGRAMME SCHEDULE

**19.06.2021 (Saturday)**

10.30 am- 11 am: Inauguration Session

11.10 am- 12.10 pm: 1st Technical Session

Speaker: Prof. Aryadeep Roychowdhury, Professor,  
Dept. of Biotechnology,  
St Xavier's College, Kolkata, West Bengal

**Topic: Basic Techniques in Molecular Biology**

12.10 pm- 12.30 pm: Break

12.30 pm- 1.30 pm: 2nd Technical Session

Speakers: Anumita Sarkar, Asst. Professor, Govt Gen Degree College, Singur  
Dr. Selima Khatun, Asst. Professor, Govt Gen Degree College, Singur  
Dr. Aditi Jana, Asst. Professor, Govt Gen Degree College, Singur

**Topic: Different Techniques in Biology**

**20.06.2021 (Sunday)**

10.30 am- 11.40 am: 3rd Technical Session

Speakers: Anumita Sarkar, Asst. Professor, Govt Gen Degree College, Singur  
Dr. Sayantani Nath, Asst. Professor, Govt Gen Degree College, Singur

**Topic: Practical Techniques in Taxonomy**

11.40 am- 12.00 pm: Break

12.00 pm- 1.00 pm: 4th Technical Session

Speakers: Dr. Sayantani Nath, Asst. Professor, Govt Gen Degree College, Singur  
Dr. Aditi Jana, Asst. Professor, Govt Gen Degree College, Singur

**Topic: Different Cytological Techniques**

1.30 pm- 2.30 pm: Online Exam

## Organizing Committee

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Govt Gen Degree College, Singur

Dr. Sayantani Nath  
Asst. Professor; Dept. of Botany  
Govt Gen Degree College, Singur

Anumita Sarkar  
Asst. Professor; Dept. of Botany  
Govt Gen Degree College, Singur

Seats limited; only 85 participants will be allowed to participate in the workshop on the basis of early registration through the link provided above

Contact id: ggdc.bot.online@gmail.com