



STUDENT ENRICHMENT PROGRAM

JULY 5-7, 2021

Student's Seminar Presentation

AN IQAC, SURENDRANATH COLLEGE INITIATIVE

UNDER DBT-STAR COLLEGE SCHEME, GOI



July 5, 2021



DR. SUPATRA SEN

Associate Professor
Department of Botany
Asutosh College

July 6, 2021



DR. MIHIR HALDER

Assistant Professor
PG Department of Botany
Barasat Government College

July 7, 2021



DR. BISWANATH BHOWMICK

Retired Associate Professor
Ex-Head, Department of Botany
Surendranath College

EXTERNAL JUDGES

Organised by

DEPARTMENT OF BOTANY

SURENDRANATH COLLEGE

24/2 MG ROAD, KOLKATA-700009.



Google Meet



Activity Report of Students' Seminar, 2021

Department of Botany

Name of Event: Students' Webinar held on 5th to 7th July, 2021

Date: Students' Seminar of Semester VI – 05/07/2020
Students' Seminar of Semester IV – 06/07/2020
Students' Seminar of Semester II – 07/07/2020

Time: Semester VI – 11am to 3pm
Semester IV – 11am to 2pm
Semester II – 11am to 2pm

Seminar Platform: Google Meet Platform

Organised by: Department of Botany, Surendranath College.

Number of Participants: 63

Number of Participants from Semester VI – 29
Number of Participants from Semester IV – 17
Number of Participants from Semester II – 17

Purpose of the Programme: It was a student enrichment programme.

Summary: The event was organised solely to nurture the presentation and communication skills of our students. The programme was held under COVID lockdown situation and they were inspired to choose different topics from their syllabus and allied areas. Students were guided and individually trained by their mentors of the department of Botany. They explained their Power Point Presentations and also participated in a 'Question and Answer' session. All three seminar sessions were judged by honourable external judges. Dr. Supatra Sen (Associate Professor, Department of Botany Asutosh College) evaluated the presentation seminar of semester V. Dr. Mihir Halder (Assistant Professor, PG Department of Botany, Barasat Government College) evaluated the presentation seminar of semester IV. Dr. BiswaNath Bhowmick (Retired Associate Professor and ex-Head, Department of Botany Surendranath College) evaluated the presentation seminar of semester II. All the judges encouraged our students a lot and gave very impressive feedback.

Name of the participants, presentation topics and scores (Semester II):

SI no.	Student Name	Topic Name
1	Deep Dutta	Economic Importance of Gymnosperms
2	Bikram Mahanta	Importance of Bryophytes
3	Antara Nath	Medicinal uses of gymnosperm
4	Salehar Sultana	Male reproductive structure of <i>Cycas</i>
5	Shatabdee Sarkar	Heterospory and Seed habit
6	Arpita Gupta	Telome concept
7	Khadijay	Economic Importance of Gymnosperms
8	Anuska Nath	Evolution and the rise of early land plants
9	Riya Karmakar	Morphology of <i>Pinus</i>
10	Richi Kisku	Economic Importance of Gymnosperms
11	Sk Abdul Momin	Importance of Bryophytes
12	Sonia Sarkar	Bryophytes and their classification
13	Akanksha Pal	Reproduction in <i>Funaria</i>
14	Rhishik Saha	Reproduction of <i>Funaria</i>
15	Anisur Rahaman	Economic Importance of Pteridophyta
16	Bratati Sarkar	Economic importance of resins
17	Ritupa Majumder	Economic importance of Bryophytes

Name of the participants, presentation topics and scores (Semester IV):

SI No.	Name	Topic Name
1	Ipshita Bhanja	An Updated Review on Pharmacological Properties of Ginger (<i>Zingiber officinale</i> Roscoe)
2	Mitali Paul	An Updated Review on Pharmacological Properties of Ginger (<i>Zingiber officinale</i> Roscoe)
3	Sayan Kumar Saha	An Updated Review on Pharmacological Properties of Ginger (<i>Zingiber Officinale</i> Roscoe)
4	Tiasa Mondal	Antifungal properties of pteridophyte
5	Deependu Kumar Ghosh	Antifungal Properties of Pteridophyte
6	Pratyai Lahiri	Antifungal Properties of Pteridophytes
7	Rohit das	Economic Importance of soil microorganisms
8	Anam Shahid	Economic Importance of soil microorganisms
9	Riya Mondal	Emergent pollutants (EPs): Water and waste water pollutants
10	Ditiya Tapli	Emergent pollutants (EPs): Water and waste water pollutants
11	Pritam Ghosh	Importance Of Bryophytes
12	Oindrila Singha	Importance of Bryophytes
13	Swagata mandal	Pharmacological properties of <i>Ocimum sanctum</i>
14	Swadhin Murmu	Pharmacological properties of <i>Ocimum sanctum</i>
15	Sayantika Roy	Pharmacological properties of <i>Ocimum sanctum</i>
16	Anamika Biswas	Some Traditional Medicinal Plants Of West Bengal
17	A K Obaidulla Azmi	Some Traditional Medicinal Plants Of West Bengal

Name of the participants, presentation topics and scores (Semester VI):

SI no.	Name	Topic
1	Abhishek Das	Physiological Roles of Cytokinin
2	Abontika Das	Physiological roles of Auxin
3	Aritrika Sinha	Allosteric Regulation
4	Aratrika Singha Roy	Symbiotic Nitrogen Fixation
5	Bidisha Sarkar	Glycolysis
6	Debasmita	Ethylene
7	Nilufa Nasrin	TCA Cycle
8	Perna Das	Seed Dormancy
9	Pritha Manna	Amino acid Biosynthesis
10	Priyanka Biswas	Brassinosteroids
11	Rishita Chakraborty	Seed Dormancy
12	Riya Mondal	G Protein Coupled Receptors in Signal Transduction
13	Anannya Banerjee	Role of Macroelements in Mineral Nutrition
14	Rubia Parvin	Concept of water potential, components of water potential in plant system
15	Trina Bhattacharyya	Diffusion and Osmosis
16	Upasana Banerjee	Physiological roles of Gibberellin
17	Rumi Kundu	Light reaction in Photosynthesis
18	Susmita Das	Electron transport chain in eukaryotes
19	Trishita Mukherjee	Plant mineral nutrients
20	Rakesh Mandal	Organic Translocation
21	Ranjan Shaw	Organic Translocation
22	Masuma Faiyaz	Organic Translocation
23	Sukur Murmu	Stomatal Physiology
24	Ujala Singh	Photosynthesis
25	Puja Biawas	Signal Transduction
26	Jyotisma Ghosh	Organic Translocation
27	Soumita Debnath	Photomorphogenesis
28	Md Ahmed Karim	Lipid Metabolism
29	Purbasha Sadhukhan	Organic Translocation
30	Priyanka Hazra	Photoperiodism

Department of Botany
Surendranath College

24/2 M.G. Road, Kolkata 700009

Students Seminar Presentation (5th to 7th July, 2021): Semester 2/4/6
Tabulation Sheet

P-1

Name	Topic	Presentation Skills (10)	Content of Slides (10)	Time Management (10)	Q & A /Interaction (10)	Total
Akanksha Pal	Reproduction in <u>Eunaria</u>	8	8	10	4	30
Anisur Rahman	Eco. Imp. of <u>Pleridophyta</u>	6	8	10	4	28
Antara Nath	Medicinal Uses of <u>Gymnosperm.</u>	8	8	10	8	34
Anuska Nath	Evo. & rise of <u>early land plants.</u>	8	8	8	4	28
Deep Dutta	Eco. Imp. of <u>Gymnosperm.</u>	7	8	10	4	29
Aspita Gupta	Telome Concept	7	8	10	6	31
Bikram Mahanta	Importance of <u>Bryophytes</u>	7	8	6	4	25
Bratati Sarkar	Eco. Imp. of <u>resins</u>	8	8	8	7	31
Khadijaj	Eco. Imp. of <u>Gymnosperms</u>	8	8	10	3	29

B.N. Bhowmik
07/07/2021

Contd.
to next Page.

7/7/21

Department of Botany
Surendranath College

24/2 M.G. Road, Kolkata 700009

Students Seminar Presentation (5th to 7th July, 2021): Semester 2/4/6
Tabulation Sheet

P-2

Name	Topic	Presentation Skills (10)	Content of Slides (10)	Time Management (10)	Q & A /Interaction (10)	Total
Shatabdee Sarkar	Heterospory and Seed Habit	7	8	10	3	28
Rhishik Saha	Repro. of <u>Funaria</u>	7	8	9	4	28
Ritupa Majumder	Eco. Imp. of Bryophytes	7	8	10	4	29
Riya Karmakar	Morphology of <u>Pinus</u>	7	8	10	5	30
Salehar Sultana	Male repro. structure of <u>Cycas</u>	6	8	6	4	24
Richi Kisku	Eco. Imp. of Gymnosperm.	6	8	10	4	28
Sonia Sarkar	Bryophytes and their Classification	7	8	10	8	33

B.N. Bhowmick
07/07/2021

PA
7/7/21

2021/7/7 15

Department of Botany
Surendranath College
 24/2 M.G. Road, Kolkata- 700009
Students Seminar Presentation

Semester: 4

Date: June 6, 2021

Score Sheet of Presenters

Sl. No.	Title of Review	Name of Candidates	Presentation Skills (10 marks)	Slide Content (10 marks)	Time management (10 marks)	QA/ Interaction (10 marks)	Total marks (40)
1	Some Traditional Medicinal Plants of West Bengal	Anamika Biswas and A K Obaidulla Azmi	9	8	9	7	33
2	Economic Importance of soil microorganisms	Rohit Das and Anam Shahid	9	9	9	6	33
3	An Updated Review on Pharmacological Properties of Ginger (<i>Zingiber officinale</i> Roscoe)	Mitali Paul, Sayan Kumar Saha and Ipshita Bhanja	9	10	9	7	35
4	Emergent pollutants (EPs): Water and wastewater pollutants	Riya Mondal and Ditiya Tapli	7	7	8	7	29
5	Importance of Bryophytes	Oindrila Singha and Pritam Ghosh	8	8	9	5	30
6	Pharmacological properties of <i>Ocimum sanctum</i>	Sayantika Roy, Swadhin Murmu and Swagata Mondal	8	8	9	6	31
7	Antifungal properties of pteridophyte	Pratyai Lahiri, Deependu Kumar Ghosh and Tiasa Mondal	8	9	8	7	32

Mihir Halder

External Evaluator:

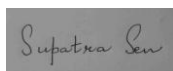
Dr. Mihir Halder,

Assistant Professor, PG Department of Botany,
 Barasat Government College

S. No.	Name	Topic	Slides -10	Presentation-10	Time Management-10	Interaction-10	Total (out of 40)
1	Abhishek	Cytokinins	5	6	9	7	27
2	Abontika	Auxins	8	7	9	6	30
3	Jyotismita	Organic Translocation	8	8	9	8	33
4 1st	Aritrika	Allosteric Reguln	9	8	9	9	35
5	Aratrika	Symbiotic N ₂ fixn	5	6	9	7	27
6	Bidisha	Glycolysis	5	5	5	5	20
7	Debosmita	Ethylene	7	8	8	9	32
8	Nilufa	Krebs' Cycle	6	6	9	6	27
9	Prerna	Seed Dormancy	6	6	5	6	23
10 2nd	Pritha	Amino Acid Biosyn	8	9	9	8	34
11	Priyanka	Brassinosteroids	7	6	9	9	31
12	Rishita	Dormancy	7	6	9	5	27
13 3rd	Riya	G-Protein	9	8	8	8	33
14	Ananya	Macroelements	7	8	9	6	30
15	Rubia	Plant Water Relations	8	8	9	6	31
16	Trina	Diffusion & Osmosis	7	7	9	7	30
17 2nd	Upasana	Gibberellins	8	8	9	9	34
18	Rumi	Light Rkns of PS	8	6	8	8	30
19	Susmita	ETC	8	7	8	7	30
20	Trishita	Mineral Nutrients	8	6	8	6	28
21	Rakesh	Translocatn	6	6	8	7	27
22	Sukur	Stomatal Physio.	8	8	8	Poor network	24
23	Ranjan	Org. Translocatn	8	8	7	2	25
24	Ujala	Photosynth	6	5	6	5	22
25	Puja	Signal Transd	8	8	6	4	26
26	Soumita	Photopmorpho	8	8	6	4	26
27 1st	Ahmed	Lipids	9	9	8	9	35
28	Purbasha	Org. Tranln	7	6	7	5	25
29	Priyanka	Photoperiodism	7	8	7	6	28

For Surendranath College, Students' Seminar on 05.07.21 from 11am-3pm

From:



Dr. Supatra Sen

Associate Professor (Botany), Asutosh College



Surenranath College

24/2 M.G.Road, Kolkata-700009, India



Organised by
Department of Botany
(Under DBT-Star College Strengthening Scheme, Govt. of India)
Surenranath College

CERTIFICATE OF PARTICIPATION

This is to certify that Prith Manna of Surenranath College has actively participated in the Online Student's Seminar Presentation on 5th to 7th July, 2021 organised by Department of BOTANY Under DBT-Star College Strengthening Scheme, Govt. of India.

Dr. Jayanta Sikdar
HOD
Department of Botany

Dr. Suchandra Chatterjee
Co-ordinator
DBT-Star College Strengthening Scheme

Dr. Indranil Kar
Principal
Surenranath College