

DEPARTMENT OF BOTANY

PROJECT REPORT (6th semester)

According to University of Kalyani Botany Honours syllabus (CBCS) all 6th semester students in their DSE 4 paper have to choose any one course from Research Methodology or Dissertation/Project. As students were interested in undergoing projects the same was assigned to them. For this purpose, students were chosen through lottery in three groups and were assigned to three mentor Dr. Suchetana Mukherjee, Dr. Roushan Islam, Mr. Debraj Roy. Students performed the task given by their mentors individually and completed their work in given time.

SYLLABUS

University of Kalyani CBCS Curriculum of B.Sc. in Botany (Honours) effective from 2018-19

SEMESTER-V			
COURSE CODE	COURSE TITLE	COURSE WISE CLASS	CREDIT
UG-H-BOT-CC-T-11	Plant Physiology	Core (60L)	4
UG-H-BOT-CC-P-11		Core (60P)	2
UG-H-BOT-CC-T-12	Plant Metabolism	Core (60L)	4
UG-H-BOT-CC-P-12		Core (60P)	2
UG-H-BOT-DSE-T-01	A. Analytical Techniques in Plant Science	Discipline Specific Elective (60L+60P)	6 (4T+2P)
UG-H-BOT-DSE-P-01	B. Industrial and Environmental Microbiology		
UG-H-BOT-DSE-T-02	A. Stress Biology	Discipline Specific Elective (60L+60P)	6 (4T+2P)
UG-H-BOT-DSE-P-02	B. Plant Breeding and Biometry		
TOTAL FOUR (4) COURSES			24
SEMESTER-VI			
COURSE CODE	COURSE TITLE	COURSE WISE CLASS	CREDIT
UG-H-BOT-CC-T-13	Genetics	Core (60L)	4
UG-H-BOT-CC-P-13		Core (60P)	2
UG-H-BOT-CC-T-14	Plant Molecular Biology and Biotechnology	Core (60L)	4
UG-H-BOT-CC-P-14		Core (60P)	2
UG-H-BOT-DSE-T-03	A. Biodiversity and Conservation	Discipline Specific Elective (60L+60P)	6 (4T+2P)
UG-H-BOT-DSE-P-03	B. Coastal Biology		
UG-H-BOT-DSE-T-04	A. Research Methodology	Discipline Specific Elective (60L+60P)	6 A:4T+2P B:6P
UG-H-BOT-DSE-P-04	B. Dissertation/ Project		
UG-H-BOT-DSE-P-04		Discipline Specific Elective (180P)	
TOTAL FOUR (4) Courses			24
GRAND TOTAL (ALL SEMESTERS): TWENTY SIX (26) COURSES			140

STUDENT NAME, ROLL.NO. & SIGNATURE

UG 6TH SEMESTER EXAMINATION-2024
 BOTANY
 [HONOURS]
 BOTANY-DSE-BOTHDS - P-04

DATE: 10-08-2024

SL NO	NAME	REGN NO.	SESSION	ROLL NO	SIGNATURE
1	KANIKA DAS	077428	2020-2021	2116247-2077837	Kanika Das.
2	JAINAB KHATUN	091427	2021-2022	2116247-2188958	Jainab khatun
3	JESMIN SULTANA	091428	2021-2022	2116247-2188961	Jesmin Sultana
4	MOUMITA SARKAR	091431	2021-2022	2166247-2188970-	Moumita Sarkar
5	PUBALI PANDE	091435	2021-2022	2116247-2188981	Pubali Pande
6	SAMIMA AKTAR	091437	2021-2022	2116247-2188988	Samima AKTAR
7	SANGEETA DAS	091438	2021-2022	2116247-2188991	Sangeeta Das
8	SHUILI MITRA	091440	2021-2022	2116247-2188999	Shuili Mitra
9	SRIJITA SINGHA ROY	091442	2021-2022	2116247-2189007	Srijita Singha Roy.
10	APARUP KARMAKAR	091446	2021-2022	2116247-2189029	Aparup Karumakara
11	ARIT DHAR	091447	2021-2022	2116247-2189032	Smit Dhar
12	ATANU GHOSH	091448	2021-2022	2116247-2189044	Atanu Ghosh
13	DEBJYOTI MUKHERJEE	091449	2021-2022	2116247-2189056	Debjyoti Mukherjee
14	MUSUIR RAHAMAN	091451	2021-2022	2116247-2189103	Musuir Rahman.
15	PRIYATOSH SARKAR	091453	2021-2022	2116247-2189121	Priyatosh Sarkar
16	SAYAN SAHA	091454	2021-2022	2116247-2189151	Sayan Saha
17	SWARAJ MANDAL	091457	2021-2022	2116247-2189177	Swaraj Mandal

GPS PICTURE



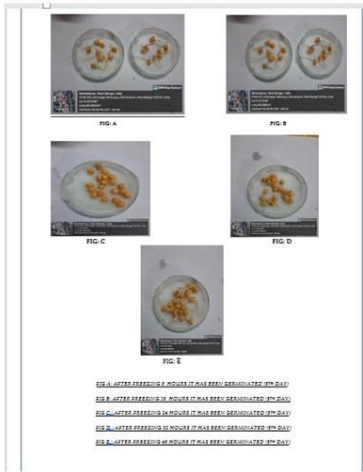
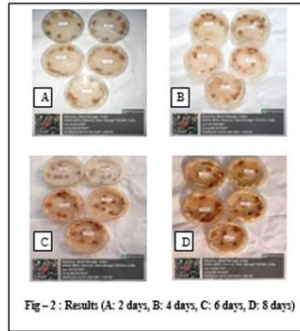


Fig - 1: Treatments (25°C,30°C,35°C,40°C,45°C)



COMPLETION CERTIFICATE



SRIPAT SINGH COLLEGE
Department of Botany

Jaganj, Murshidabad, West Bengal, PIN- 742123

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Ref. No.:

COMPLETION CERTIFICATE

Date: 26.07.2024

This is to certify that **MOUMITA SARKAR** student of 6th semester Botany Honours, Sripat Singh College, Jaganj, Murshidabad, has successfully completed the project entitled **"EFFECT OF HEAVY METALS ON MITOTIC CHROMOSOME BEHAVIOUR OF *Aloe vera*"** under the guidance of **DR. ROUSHAN ISLAM** for partial fulfilment of his curriculum. During this tenure he has shown keen interest in his assignments.

Principal
Sripat Singh College
DR. KAMAL KRISHNA SARKAR
Principal
Sripat Singh College
Jaganj, Murshidabad

Mentor
Dept. of Botany
Sripat Singh College

HOD, Botany
Sripat Singh College
HOD
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Ref. No.:

Date: 26.07.2024

COMPLETION CERTIFICATE

This is to certify that SWARAJ MANDAL, student of 6th semester Botany Honours, Sripat Singh College, Jaganj, Murshidabad, has successfully completed the project entitled "IMPACT OF HIGH TEMPERATURE ON GERMINATION AND SEEDLING GROWTH OF GRAM (*Cicer arietinum* L.)" under the guidance of DR. SUCHETANA MUKHERJEE, for partial fulfillment of his curriculum. During this tenure he has shown keen interest in his assignments.

Principal

Sripat Singh College
DR. KAMAL KRISHNA SARKAR
Principal
Sripat Singh College
Jaganj, Murshidabad

Mentor

Dept. of Botany
Sripat Singh College

HOD, Botany

Sripat Singh College
HOD
Department of Botany
Sripat Singh College

CONCLUSION

The projects assigned to the students helped them to develop various skills like Critical thinking, Problem solving and Curiosity which inculcates a lifelong interest in the world around them. Unlike theoretical knowledge they learn through hands-on experience and are able to explore topics of interest related to their studies but not directly included in their syllabus.