

## REPORT FOR IQAC, BKGC

### Department of Botany

1. Workshop/Seminar/Conference/Invited or Extension Lecture: **Workshop**
2. Online/Offline: **Offline**
3. Institutional/International/National/Regional: **Regional**
4. Title: **A Workshop on Mushroom Cultivation Technology with special reference to Fungal Tissue Culture and Spawn Production**
5. Date: **11/01/2025**
6. Organizer(s): **IQAC, BKGC and Department of Botany**
7. Funding (with proof): NA
8. Collaborators (with proof): NA
9. Resource Persons (with invitation and acceptance letters): **Mr. Anujit Das**

**BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH**  
A NCTE and NAAC accredited (B\*\*) College  
5/3, MAHATMA GANDHI ROAD, HOWRAH - 711 101.

Ref: .....

Date: 06.01.25

To Anujit Das  
Earth Star Mushroom,  
Andul, Mouri,  
Howrah

Dear Sir

It would be my pleasure to request you for preliminary training and hands on demonstration on mushroom cultivation technology in our upcoming activity "**Mushroom Cultivation Technology with special reference to Fungal Tissue Culture and Spawn Production**" going to be organized by Department of Botany, on **11.01.25** at **11 am** onwards.

Your kind acceptance will be highly appreciated.

Thanking you.

  
Principal/Secretary

Bijoy Krishna Girls' College  
5/3, M.G. Road, Howrah-700001

Principal / Secretary  
Bijoy Krishna Girls College  
5/3, M. G. Road, Howrah - 1

10. Number of Participants (with proof): 20

Department of Botany

Workshop on Mushroom Cultivation Technology  
with special reference to Fungal tissue  
culture and spawn production.

Date: 11/01/2025  
Time: 11 AM

Resource person: Mr Anujit Das  
signature of Resource person: Anujit Das

Students attendance:

- 1) Swastika Sur (1st sem)
- 2) Lisha Santra (1st sem)
- 3) Shatadipta Das (1st sem)
- 4) Sreeja Roy (1st sem)
- 5) Nishita Dhara (1st sem)
- 6) Puja Khatua (1st sem)
- 7) Ipsita Majumdar (1st sem)
- 8) Srishti Chowdhury (1st sem)
- 9) Atalia Haque (1st sem)
- 10) Mahasina Tasmin (2nd Sem, MDC)
- 11) Rimi Shiuli (2nd sem, MDC)
- 12) Shreya Manna (3rd sem)
- 13) Poulami Basu (3rd sem)
- 14) Shreya Manna (3rd semester)
- 15) Kausani Roy (3rd semester)

- 16) Ahana Prasad (3rd Sem)
- 17) Anuska Khan (3rd Sem)
- 18) Sayantika Manna (3rd sem)
- 19) Supriti Ghosh (3rd Sem)
- 20) Pushpita Mondal (3rd Sem)

Teachers signature:

- 1) Pratiba Majhi
- 2) Pamela Saha
- 3) Sankar Banik

Sl. No.	Name of the Students	Sl. No.	Name of the Students
1	Swastika Sur	13.	Poulami Basu
2.	Lisha Santra	14.	Shreya Manna
3.	Shatadipta Das	15.	Kausani Roy
4.	Sreeja Roy	16.	Ahana Prasad
5.	Nishita Dhara	17.	Anuska Khan
6.	Puja Khatua	18.	Sayantika Manna
7.	Ipsita Majumdar	19.	Supriti Ghosh
8.	Srishti Chowdhury	20.	Pushpita Mondal
9.	Atalia Haque	<b>Teachers present</b>	
10.	Mahasina Tasmin	1.	Pratiba Majhi
11.	Rimi Shiuli	2.	Pamela Saha

12.	Sitishna Mitra	3.	Sourav Bhunia
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### **11. Report on the programme:**

The Research and Development Cell, IIC, and IQAC organized a Workshop on " A Workshop on Fungal Tissue Culture and Spawn Production" on January 20, 2024. The speaker for the Workshop was Mr. Anujit Das, The Owner of Earth Star Mushroom, Andul. Our distinguished Principle, Madam Dr. Ruma Bhattacharyya, opened the occasion with a welcome statement. All of the participants found her lecture to be incredibly inspiring and motivating. Dr. Debjani Mitra, the convener of BKGCC, IIC, oversaw the meeting.

The workshop on Fungal Tissue Culture and Spawn Production was conducted with the aim of providing participants with comprehensive knowledge and practical skills in the cultivation of fungi through tissue culture techniques and the production of spawn. Fungi play a crucial role in various industries, including agriculture, medicine, and food production. Thus, understanding their cultivation and propagation methods is essential for the students for their study purpose as well as their future needs.

The workshop started with an introductory session highlighting the significance of fungal tissue culture and spawn production in modern agricultural practices and industrial applications.

Students were introduced to the principles and techniques of fungal tissue culture, including sterilization methods, media preparation, inoculation techniques, and culture maintenance. Emphasis was placed on maintaining sterile conditions to prevent contamination and ensure successful culture establishment. The workshop covered various methods for spawn production, such as grain spawn. Students learned about substrate selection, inoculation methods, incubation conditions, and spawn quality assessment. Hands-on training allowed students to gain proficiency in spawn production techniques applicable to different fungal species.

The workshop included practical demonstrations where students had the opportunity to perform tissue culture techniques, prepare culture media, inoculate substrates, and assess spawn quality under the guidance of experienced instructor (Anujit Das). These hands-on activities enhanced students' understanding of the theoretical concepts and equipped them with practical skills essential for implementing fungal tissue culture and spawn production techniques in their respective fields.

### **12. Programme Outcome:**

1. The workshop was well-received by students, who found the hands-on experience particularly valuable.
2. They gained knowledge about the pure fungal cultures, the propagation of desired strains, the production of high-quality inoculum, and the establishment of a successful mushroom cultivation.

Feedback indicated that they gained a deeper understanding of fungal tissue culture techniques, spawn production and their applications.

3. Many expressed interests in applying these skills in their own research or professional work.
4. These processes are fundamental to both research and commercial applications in the field of fungal biotechnology.

**13. Poster/Brochure/Banner:**

**BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH**

**Workshop on Mushroom Cultivation Technology  
with special reference to  
Fungal Tissue Culture and Spawn Production**

**Organized by**  
**Department of Botany and IQAC,  
Bijoy Krishna Girls' College, Howrah**

**Chief Patron: Dr. Ruma Bhattacharyya, Principal, BKGC**

**Resource Person**  
**Mr. Anujit Das**  
**Owner of Earth Star Mushroom**

**Date : 11<sup>th</sup> January 2025**  
**Venue : Department of Botany**  
**Time : 11 am onwards**

14. Sample Certificate: CERTIFICATES NOT PROVIDED

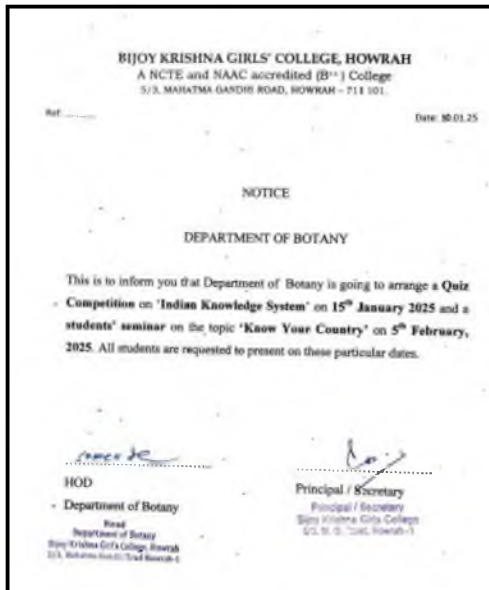
15. Photographs:





# Departmental Quiz competition

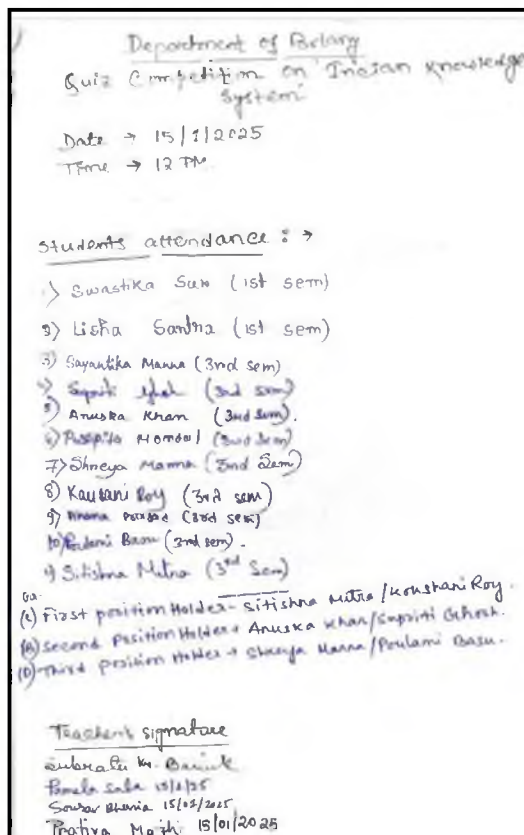
Notice:



Poster:



Attendance with Proof



DEPARTMENTAL QUIZ COMPETITION  
DEPARTMENT OF BOTANY AND IQAC  
15<sup>TH</sup> JANUARY, 2025  
KNOW YOUR COUNTRY  
PLANT SCIENCE: FROM VEDIC TO MODERN INDIA

GROUP	NAME	SEMESTER	SIGNATURE
A	SWASTIKA SUR	1 <sup>ST</sup> SEM	Swastika Sur
	LISHA SANTRA		Lisha Santra
B	ANUSKA KHAN	3 <sup>RD</sup> SEM	Anuska Khan
	SUPRITI GHOSH		Supriti Ghosh
C	SITISHNA MITRA	3 <sup>RD</sup> SEM	Sitishna Mitra
	KOUSANI ROY		Kousani Roy
D	SHREYA MANNA	3 <sup>RD</sup> SEM	Shreya Manna
	POULAMI BASU		Poulami Basu
E	AHANA PRASAD	3 <sup>RD</sup> SEM	Anana Prasad
	DISHA BHATTACHARYA		Disha Bhattacharya
F	SAYANTIKA MANNA	3 <sup>RD</sup> SEM	Sayantika Manna
	PUSHPITA MONDAL		Pushpita Mondal

1st : Group C  
2nd : Group B  
3rd : Group D

Pamela Saha  
15/01/25

Photographs:

