

## Report on Palaeobotany: Fossils and documentations of Plant Evolution

1. Workshop/Seminar/Conference/Invited or Extension Lecture: **Extension Lecture**
2. Online/Offline: **Offline**
3. Institutional/International/National/Regional: **Regional**
4. Title: **Palaeobotany: Fossils and documentations of Plant Evolution**
5. Date: **23.07.2025**
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): **Prof. (Dr.) Ashalata D'Rozario**

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

Ref: *6/11/2025/12* Date: 17.07.25

To,  
Dr. Ashalata D'rozario  
Retd. Associate Professor  
Narasinha Dutt College,  
129, Belilious Road, Tikiapara,  
Howrah, West Bengal 711101

**Subject: Invitation letter to deliver a talk on 23<sup>rd</sup> July 2025**

Dear Madam,

It would be our great pleasure to inform you that IQAC and Department of Botany, Bijoy Krishna Girls' College, going to organize a lecture on 'Palaeobotany: fossils and documentations of Plant Evolution' on 23<sup>rd</sup> July 2025, Wednesday from 12 noon onwards.

We are pleased to invite you as an honourable speaker to deliver the lecture on the topic. Your expertise and experience in this field will enrich our undergraduate students.

Your kind acceptance will be highly appreciated.

Thanking you

*Ashalata D'Rozario*  
23.7.2025

*[Signature]*  
Principal/Secretary  
Bijoy Krishna Girls Coll,  
5/3, M. G. Road, Howrah.

## 10. Number of Participants (with proof): 16

Extension Lecture  
Department of Botany  
Venue : G1  
Date : 23/07/2025

Name of Expert : Dr. Ashalata D'Kozario  
Retd. Associate Professor of ND College.  
SIGN : Ashalata D'Kozario 23/7/25

Teachers' Signatures :  
1. Subrata K. Bhowik 23/7/25  
2. Souhar Bhowmik 23/07/2025  
3. Atasi Kundu 23/07/25  
4. Pamela Saha 23/7/25  
5. Proativa Majhi 23/7/25  
6. Somnath 23/7/25  
7. Priyanka Mukherjee 23/7/25

STUDENTS		ATTENDANCE	
NAME	SEMESTER	CU Roll No. & Registration No.	Phone / Wh. App No.
Puja Khata	II	243411-11-0005 411-1211-0388-24	7890426211
Ipsita Majumder	II	243411-11-0008 411-1211-0453-24	6250063339
Atalia Haque	II	243411-11-0007 411-1211-0486-24	9380802854
Swastika Sur	II	243411-11-0004 411-1211-0382-24	9339440661
Nishita Dhara	II	243411-11-0001 411-1211-0368-24	7872474408
Ahana Prasad	IV	233411-11-0010 411-1212-0328-23	9433630148
Anuska Khan	IV	233411-11-0011 411-1214-0468-23	9745061134

NAME	SEMESTER	CU Roll No. & Registration No.	Phone / Wh. App No.
8. Sayantika Manna	IV	233411-11-0003 411-1211-0440-23	8515925326
9. Supriti Ghosh	IV	233411-11-0001 411-1211-0371-23	9730119188
10. Pushpita Mondal	IV	233411-11-0007 411-1010-0380-23	8400905144
11. Shreya Manna	IV	233411-11-0011 411-1214-0461-23	973550714
12. Disha Bhattacharya	IV	233411-11-0009 411-1211-0385-23	858181254
13. Poulami Basu	IV	233411-11-0005 411-1211-0464-23	8100693907
14. Sitishna Mitra	IV	233411-11-0004 411-1211-0460-23	91007023803
15. Shatadipta Das	II	243411-11-0005 411-1211-0375-25	7139819571
16. Kousani Roy	IV	233411-11-0002 411-1211-0453-23	8240791216

### List of Participant:

1. Puja Khata
2. Ipsita Majumder
3. Atalia Haque
4. Swastika Sur
5. Nishita Dhara
6. Ahana Prasad
7. Anuska Khan
8. Sayantika Manna
9. Supriti Ghosh
10. Pushpita Mondal
11. Shreya Manna
12. Disha Bhattacharya
13. Poulami Basu
14. Sitishna Mitra
15. Shatadipta Das
16. Kousani Roy

## 11. Report on the programme:

IQAC, BKGC and Department of Botany organized a special lecture on "Palaeobotany: Fossils and documentations of Plant Evolution" on 23<sup>rd</sup> July 2025. The resource person for the Workshop was Dr. Ashalata D' Rozario, Retired Professor, Department of Botany, Narasinha Dutt College, Belilious Road, Tikiapara, Howrah. Our distinguished Principal, Madam Dr. Ruma Bhattacharyya, opened the occasion with an Inaugural and welcome speech. All of the participants found her lecture to be incredibly inspiring and motivating.

In The lecture on palaeobotany Dr. Ashalata D' Rozario provided an overview of the study of ancient plant life through geological time. The lecture emphasized the importance of fossil plants in reconstructing ancient environments and tracing evolutionary patterns.

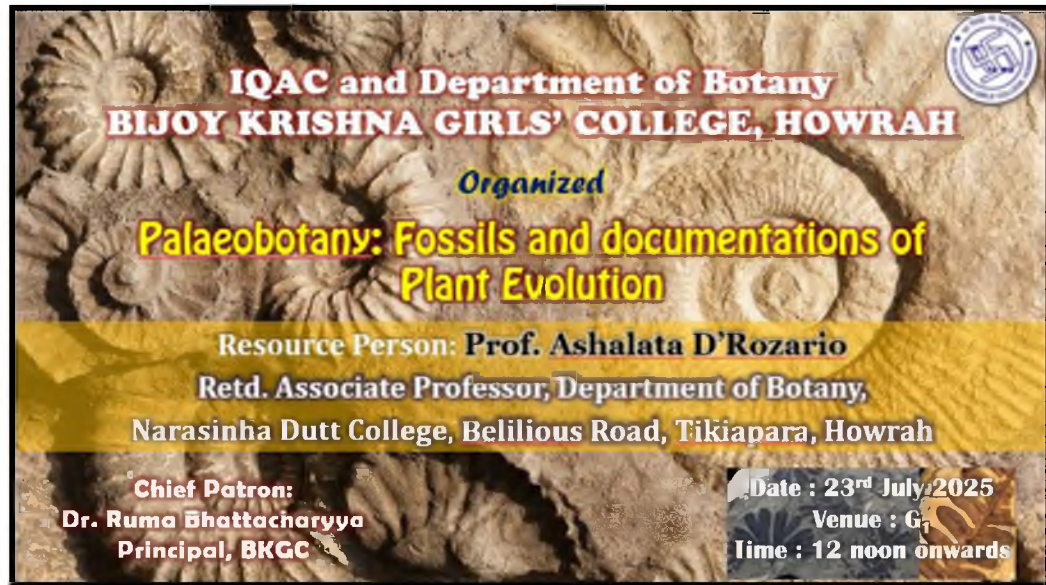
The lecturer explained that palaeobotany, which plays a crucial role in the origin and evolution of major plant groups, past climatic conditions and atmospheric changes, the development of terrestrial ecosystems. Plant fossils serve as indicators of environmental conditions such as temperature, humidity, and carbon dioxide levels, making palaeobotany valuable for both biological and geological studies.

Dr. D' Rozario discussed about several research methods used in palaeobotany. The lecture traced the evolutionary history of plants from early non-vascular plants to flowering plants (angiosperms). Key transitions, such as the development of vascular tissue, seeds, and flowers, were explained as major adaptations that allowed plants to dominate terrestrial habitats.

## 12. Programme Outcome:

- Understand the scope and significance of palaeobotany** in reconstructing past vegetation, climates, and ecosystems.
- Interpret geological time scales** and correlate plant fossils with stratigraphic sequences.
- Analyze the evolutionary history of plants**, including major transitions from primitive to advanced plant forms.
- Appreciate the role of fossil plants** in understanding biodiversity changes and environmental shifts through geological time.

13. Poster/Brochure/Banner:



14. Sample Certificate:

NA

15. Photographed (Geotagged):





Howrah, West Bengal, India  
5/3, Church Rd, Howrah, West Bengal 711101, India  
Lat 22.583044° Long 88.336688°  
23/07/25 02:33 PM GMT +05:30

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