



Miranda House

UNIVERSITY OF DELHI

Departmental Annual Report – 3

Departmental Activities: Curriculum and Beyond

Department: Botany

Year: 2024-2025

Department Society and its Office Bearers: Antheia, 2024-25

1. **President:** Ansham
2. **Treasurer:** Kairvi Chandra
3. **Cultural Secretary:** Ananta Singh
4. **General Secretary:** Nirnita Ghosh
5. **CR First Year:** Srijani Choudhary
6. **CR Second Year:** Bhumika Pathak
7. **CR Third Year:** Ananya Rawat

Staff Advisors: Dr. Veena Beri

Dr. Laishram Sundari Devi (July -November, 2024)

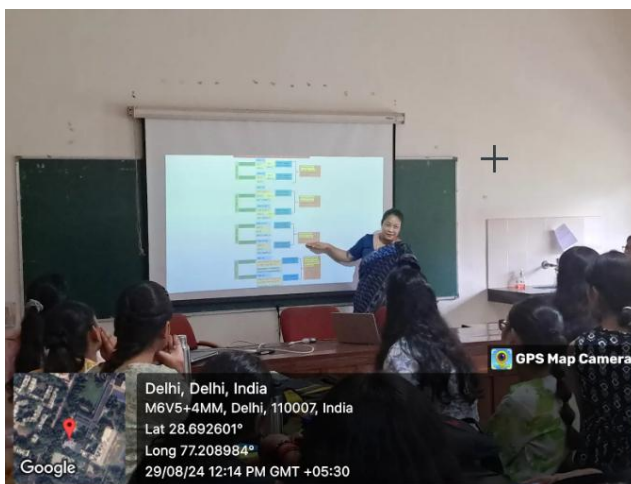
The Botanical Society of Miranda House, “**Antheia**” holds meaning "flower" or "blossom" derived from ancient Greek. The society organizes several educational events around the year. The Union members are elected for being a part of the society and include the President and Treasurer who are elected from 3rd year; the general secretary and cultural secretary who are elected from 2nd year. The class representatives represent their respective classes. Union members manage the activities to be performed in the department along with the participation of students under the guidance of staff advisors and department faculties.



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- The new session 2024-25 begin with the **Orientation Day** held on 29 August, 2025. It was attended by 30 new students. Students were given good exposure about the college, department and the subject field etc. Students were also guided with rules and regulations that govern the college.





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- Teachers' Day Celebration held on 5 September, 2024.



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- As the new session started, **Ms. Srijani Choudhury** was elected as the **CR of B. Sc. (H) Botany 1st Year** on **19 September, 2024**. 30 students casted their votes.



- With the aim to welcome new students and to provide a platform for socialising and bonding with their peers, **Freshers' Party- Daffodil** was organized by Antheia on **24 October 2024** at 1:00 PM in Room 130.



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The freshers' party marked an exciting and vibrant event for all participants. The event witnessed an enthusiastic participation from students across all three years. It was attended by **81** students. First-year students, despite being new, demonstrated impressive participation. This event provided a valuable opportunity for new students to integrate into the department community, fostering friendships and a sense of belongingness. The party commenced at 12:45 pm and concluded at 4:00 pm. Various activities were organized to engage the attendees that included icebreaker games to facilitate interaction among students, dance and song performances.




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- Antheia Society's **Inaugural lecture of 2024-25** academic session was delivered by **Dr. Ramcharan Bhattacharya** (Director of ICAR-National Institute of Biotechnology, Pusa Campus, New Delhi) on **9th October 2024** at 10.45 am in Seminar Hall (Room no. 102) on the topic entitled "**Plant Biotechnology for Boosting Crops and Empowering Farmers**".




Under the Aegis of IQAC
ANTHEIA
THE BOTANICAL SOCIETY
OF
MIRANDA HOUSE
presents





INAUGURAL LECTURE ON
"Plant Biotechnology for Boosting Crops &
Empowering Farmers"



Dr. Ramcharan Bhattacharya
Director
ICAR-National Institute of Plant Biotechnology (NIPB), Pusa Campus, New Delhi-110012

 9 October, 2024
Wednesday

 10:45 a.m.

 Seminar Hall
Room No. - 102

ORGANIZING COMMITTEE
Dr. Veena Beri
Dr. Laishram Sundari Devi
Staff Advisors

CONVENOR
Dr. Elangbam Geetanjali
Teacher-in-Charge
Department of Botany

PATRON
Prof. Bijayalaxmi Nanda
Principal
Miranda House

For further queries, contact :
Ansham (President) : +91-79886 43677



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The lecture provided valuable insights into the applications of plant biotechnology in improving crop yields, disease resistance, and nutritional content. He emphasized the potential of biotechnology in empowering farmers and enhancing food security. The major

Key Takeaways from the lecture involves:

1. Plant biotechnology can play a crucial role in addressing global food security challenges.
2. Biotechnology can improve crop yields, disease resistance, and nutritional content.
3. Empowering farmers through biotechnology can enhance their livelihoods and contribute to sustainable agriculture.

The inaugural lecture was a resounding success, providing a platform for students, faculty, and staff to engage with a renowned expert in the field of plant biotechnology. The lecture was attended by 67 students.





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- The **26th Manasi Ram Memorial Lecture** was delivered by **Dr. Anuradha Agrawal** on the topic entitled **"From Seeds to Solution: How New Technologies in Genebanks Can Secure Our Food Future"** on **17th February, 2025** at 10.45 am in mini-auditorium.



Miranda House cordially invites you to the

26th Manasi Ram Memorial Lecture

"From Seeds to Solution: How New Technologies in Genebanks Can Secure Our Food Future"



Dr. (Ms.) Anuradha Agrawal
Project Director, ICAR-Directorate of Knowledge
Management in Agriculture (DKMA)



17 February, 2025



10:45 am



Room No.
Mini-auditorium

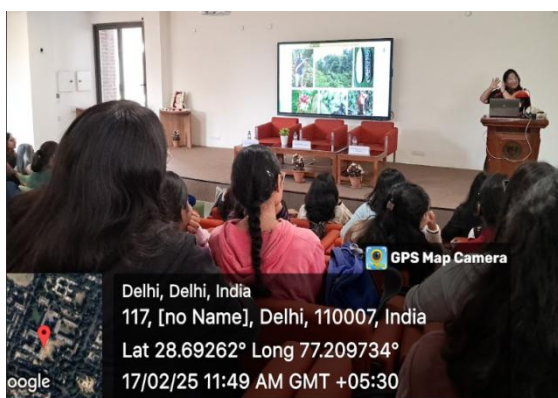
Prof. Bijayalaxmi Nanda
Principal, Miranda House
Phone: 011-27667367
Email: principal@mirandahouse.ac.in



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Dr. Agrawal delivered a thought-provoking lecture, highlighting the importance of gene banks in securing our food future. She emphasized the role of new technologies in gene banks, showcasing how they can help conserve and utilize plant genetic resources. The lecture was well-attended by 62 students and all faculty members. The event served as a platform for intellectual exchange and academic enrichment, contributing to the scientific culture of the college. Overall, the lecture was a resounding success, leaving a lasting impression on the audience and reaffirming the college's commitment towards promoting scientific inquiry and discovery.





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- Koshika'2025, the annual departmental fest of Antheia, aimed to celebrate botany through science, art, and innovation. The event began with an insightful **speaker session** by **Professor Sandip Das** on the topic “**Is Polyploidy a Boon or a Bane: Decoding the Complexity of Organisation, Evolution and Function of Genes Involved in Development and Adaptation for Crop Improvement.**”





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The session explored the role of polyploidy in plant evolution and crop enhancement, shedding light on its genetic, developmental, and adaptive implications. The talk was highly informative and well-received by students and faculty.

- Further, the event featured **six engaging competitions** namely Photography, Slice It Thin, Taxonomical Sketching, Poster Presentation, Rangoli, and Quiz were designed to engage students in creative and scientific expression.

1. Photography Competition – Participants captured nature's beauty through their lenses, showcasing the richness of biodiversity and landscapes.

2. Slide Making Competition – Students prepared thin sections of plant specimens and observed their cellular details under the microscope.

3. Taxonomical Sketching Competition – Participants illustrated plant specimens, highlighting morphological traits and taxonomic features with scientific accuracy.

4. Poster Presentation Competition – Students presented research or ideas related to botanical or environmental themes through informative and visually engaging posters.

5. Rangoli Making Competition – Botanical elements inspired vibrant rangolis, creatively combining traditional art with ecological and floral motifs.



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6. Quiz Competition – A fun yet challenging quiz tested participants' knowledge in botany, biodiversity, and environmental science.

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announces

KOSHIKA'25
presents

Photography Competition
THEME: Botany Through The Lens

• Open to undergraduate students of all colleges
• Certificates and Social Media shout out for the winners!

27th March, 2025
9:00-10:00 AM
Department of Botany

Registration Deadline:
26th March, 2025
12PM

Dr. Veena Beri
Staff Advisor

Dr. Elangham Geetanjali
Teacher-in-Charge
Department of Botany

Prof. Bijayalaxmi Nanda
Principal
Miranda House

For further queries, contact:
Ansham (President): +91-7988643677 Sakshi Sejal (Event Head): +91-9519180546

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announces

KOSHIKA'25
presents

Slice It Thin
The Slide Making Competition

• Open to undergraduate students of all colleges
• Certificates and Social Media shout out for the winners!

27th March, 2025
12:00-12:30 PM
Room No.130

Registration Deadline:
26th March, 2025
12PM

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Staff Advisor

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Teacher-in-Charge
Department of Botany

Prof. Bijayalaxmi Nanda
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announces
KOSHIKA'25
presents
Plant Sketching Competition

• Open to undergraduate students of all colleges
• Certificates and Social Media shout out for the winners!

27th March, 2025
12:00-1:00 PM
Room No.136

Registration Deadline:
26th March, 2025
12PM

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Staff Advisor

Dr. Elangham Geetanjali
Teacher-in-Charge
Department of Botany

Prof. Bijayalaxmi Nanda
Principal
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announces
KOSHIKA'25
presents
Poster Presentation Competition

THEME: Green Horizons-Exploring the future of plants and sustainability

• Open to undergraduate students of all colleges
• Certificates and Social Media shout out for the winners!

27th March, 2025
10:30-11:30 AM
Corridors of Botany Department

Registration Deadline:
26th March, 2025
12PM

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Teacher-in-Charge
Department of Botany

Prof. Bijayalaxmi Nanda
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announces
KOSHIKA'25
presents
Rangoli Making Competition

THEME: Seed-The journey of a plant

• Open to undergraduate students of all colleges
• Certificates and Social Media shout out for the winners!

27th March, 2025
9:00-10:00 AM
Corridors of Botany Department

Registration Deadline:
26th March, 2025
12PM

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Teacher-in-Charge
Department of Botany

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Miranda House
announces
KOSHIKA'25
presents
Phytoquest
Botanical Quiz Competition

• Open to undergraduate students of all colleges
• Certificates and Social Media shout out for the winners!

27th March, 2025
1:00-2:00 PM
Room No.136

Registration Deadline:
26th March, 2025
12PM

Dr. Veena Beri
Staff Advisor

Dr. Elangham Geetanjali
Teacher-in-Charge
Department of Botany

Prof. Bijayalaxmi Nanda
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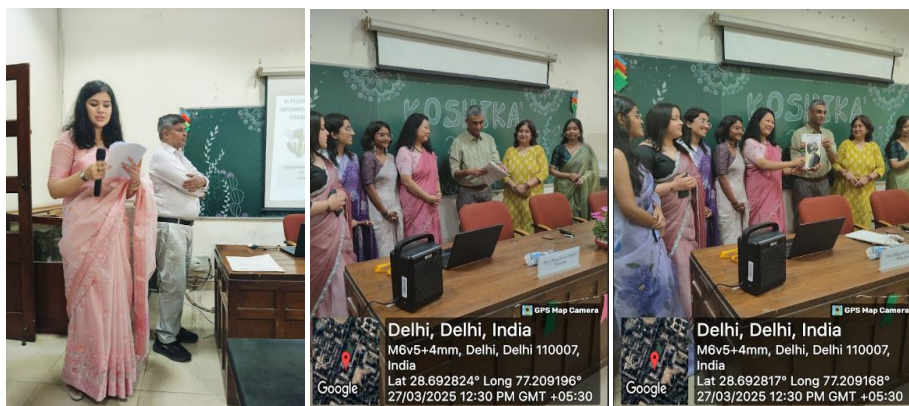


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Magazine Release:

The annual departmental magazine “**Quisqualis**” was also unveiled during the event, featuring creative and academic contributions from students and faculty.



Participation Overview: The fest was attended by 84 students and received about 90 registrations from students across various colleges, showcasing interdisciplinary interest and creative excellence, and reflecting wide interest and active participation in the competitions.

The event was generously supported by IAS Gaon and •Aradhya Enterprise, whose contributions greatly enhanced the experience for all participants.

Conclusively, Koshika'25 was a resounding success, fostering scientific temper, creativity, and collaborative spirit among students.

- Farewell



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- Fresh Elections were conducted on 9 April, 2025 for the post of President, Treasurer, Cultural Secretary, General Secretary and Class Representatives for second and third year. Votes were casted by 81 students.

Part B.1

Seminars/conferences/workshops conducted by the Department

Part B.2

Extension Activities organized

Part B.3



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Any other event organized as part of students' activities (not listed above)