



# Miranda House

## UNIVERSITY OF DELHI

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### Departmental Annual Report - 3

#### Departmental Activities: Curriculum and Beyond

**Department: Botany**

**Year: 2023-24**

#### Department Society and its Office Bearers: Antheia, 2023-24

1. President: Anagha Ann
2. Treasurer: Sonam Kumari
3. Cultural Secretary: Aashi
4. General Secretary: Shreya Jaiswal
5. CR First Year: Sakshi Sekhar
6. CR Second Year: Ansham
7. CR Third Year: Madhu Kumari

**Staff Advisors:** Dr. Veena Beri

Dr. Laishram Sundari Devi

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.



# Miranda House UNIVERSITY OF DELHI

As the new session started, Ms. Sakshi Shekhar was elected as the CR of B. Sc.(H) Botany 1<sup>st</sup> Year on 23 August 2023.

No. of participants: 33



Antheia Society's inaugural lecture of 2023-24 academic session was delivered by  
**Speaker:** Dr. Ravi Tandon  
(Assistant Professor, School of Biotechnology, Jawaharlal Nehru University)

**Title:** Sleeping with the viruses  
**About the webinar:** The lecture involved the discussion on the intricate relationship between humans and viruses, emphasizing how viruses can remain dormant within our bodies for extended periods of time. He shed light on the importance of understanding this phenomenon to develop better strategies for managing viral infections. Dr. Tandon's insightful presentation provided valuable insights into the complex interactions between viruses and the human body.

**Number of Participants:** 130

Under the Aegis of IQAC  
**Antheia**  
The Botanical Society of Miranda House  
presents

Inaugural Lecture on  
**“Sleeping with the Viruses”**

**Dr. Ravi Tandon**  
Assistant Professor  
School of Biotechnology, Jawaharlal Nehru University, New Delhi

19 SEPT. 2023  
TUESDAY 10:30 A.M. ROOM NO. 145

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

**CONVENER**  
Dr. Deepali  
Teacher-in-charge  
Department of Botany

**PATRON**  
Prof. Bijayalaxmi Nanda  
Principal  
Miranda House

For further queries, contact:  
Anagha Ann Jose (President) 9188352439



# Miranda House UNIVERSITY OF DELHI

As a **Celebration of 50 glorious years of B.Sc. (Hons.), Career Counseling Session** was organized on

**Date:** 5th October, 2023

**Speaker:** 1. Dr. Sushma Moitra (Retired Associate Professor, Department of Botany, Miranda House)

2. Dr. Roshini Nayar: Retired Scientist, NBPGR, New Delhi

3. Mrs. Anju Puri: Principal, DAV School, Vasant Kunj

**About the session:** The career counseling session was organized for students who are in the process of choosing a career, or during a career change, having a professional by their side always helps. It enables the students in getting the right guidance and helps them in setting their long-term goals professionally. This session involved not only the input and advice but also about the various career choices that students can make. The students were also guided about how to effectively seek opportunities and make good use of the available resources.

**Number of Participants:** 120

Under the Aegis of IQAC  
**Antheia**  
The Botanical Society, Miranda House  
Celebrates  
**50 Glorious Years of B.Sc.(H) Botany  
(1973-2023)**  
**Career Counselling**

 <b>Anju Puri</b> Head of School DAV Public School Vasant Kunj, New Delhi	 <b>Dr. Sushma Moitra</b> Retired Assoc. Professor Department of Botany Miranda House	 <b>Dr. Roshini Nayar</b> Retired Scientist NBPGR, New Delhi
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📅 05 Oct. 2023    📍 Seminar Hall    ⌚ 2:00 PM

<b>ORGANIZING COMMITTEE</b> Dr. Veena Beri Dr. Laishram Sundari Devi Staff Advisors, Antheia	<b>CONVENOR</b> Dr. Deepali Teacher-in-Charge Department of Botany	<b>PATRON</b> Prof. Bijayalaxmi Nanda Principal Miranda House
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For queries contact:  
9188352439 - Anagha Ann Jose (President, Antheia)  
[antheia.botany@mirandahouse.ac.in](mailto:antheia.botany@mirandahouse.ac.in)    [antheia.mh](https://www.instagram.com/antheia.mh)





# Miranda House UNIVERSITY OF DELHI

As a **Celebration of 50 glorious years of B.Sc. (Hons.), Scientific Talk** was organized on:

**Date:** 6th October, 2023

**Speaker:** Dr. Saman Habib (Scientist, CDRI, Lucknow)

**Title:** Impact of an Evolutionary event on the search for new Antimalarials

**About the scientific talk:** Dr. Saman Habib, esteemed alumnae of our institution, delivered a captivating presentation on the topic "Impact of an Evolutionary Event on the Search for New Antimalarials" as part of the Golden Jubilee Celebrations. The presentation aimed to shed light on the challenges posed by drug-resistant malaria parasites and the innovative approaches being pursued to develop effective antimalarial drugs. Dr. Habib reiterated the significance of the evolutionary event on the search for new antimalarials and called for renewed commitment to advancing malaria research. She emphasized that by harnessing the power of innovation, collaboration, and scientific discovery, we can overcome the challenges posed by drug-resistant malaria and work towards a malaria-free future. Following the

Under the Aegis of IQAC  
**The Department of Botany**  
&  
**Antheia**  
The Botanical Society, Miranda House  
Celebrate  
**50 Glorious Years of B.Sc.(H) Botany**  
(1973-2023)  
**Scientific Talk**  
Impact of an Evolutionary event on the Search for New Antimalarials.

**Dr. Saman Habib**  
Chief Scientist  
CSIR-Central Drug Research Institute  
Lucknow

06 Oct. 2023    Mini Auditorium    10: 00 AM

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

CONVENOR  
Dr. Deepali  
Teacher-in-Charge  
Department of Botany

PATRON  
Prof. Bijayalaxmi Nanda  
Principal  
Miranda House

For queries contact:  
9188352439 - Anagha Ann Jose (President, Antheia)  
antheia.botany@mirandahouse.ac.in    antheia.mh





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presentation, Dr. Habib engaged in a dynamic question-and-answer session with the audience, further elucidating key concepts and addressing inquiries related to the topic.

**No. of Participants:** 120

The Department of Botany, Miranda House and Antheia, The Botanical Society of Miranda House organized **Celebration of 50 glorious years of B.Sc. (Hons.) Alumni meet of Botany Department** on:

**Date:** 7th October, 2023

**About the event:** The Alumnae Meet provided a platform for former students of the Botany Department to reconnect, reminisce, and share their experiences with one another. Alumni shared anecdotes, insights, and memorable moments from their academic and professional journeys, fostering a sense of camaraderie and nostalgia among attendees. Cultural enrichment was an integral part of the Alumnae Meet, with students showcasing their talents and creativity through various cultural activities. Attendees were treated with musical performances, dance recitals, poetry readings

Under the Aegis of IQAC

**The Department of Botany**  
Miranda House  
**Celebrates**  
**50 Glorious Years of B.Sc. (H) Botany**  
(1973-2023)  
*Alumnae Meet*

**OCTOBER 05-07 2023**

Registration : <https://www.onlinesbi.sbi/shicollect/collecthome.htm>

	05 Oct. 2023 06 Oct. 2023 07 Oct. 2023	2: 00 PM 10: 00 AM 11: 30 AM	Seminar Hall Mini Auditorium Mini Auditorium	Career Counselling Scientific Talk Get Together

ORGANIZING COMMITTEE  
Faculty Members  
Department of Botany

CONVENOR  
Dr. Deepali  
Teacher-in-Charge

PATRON  
Prof. Bijayalaxmi Nanda  
Principal

For queries contact:  
9188352439 - Anagha Ann Jose (President, Antheia)

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showcasing the cultural diversity and artistic flare within the Botany Department. The Alumnae Meet concluded with a convivial lunch, where attendees had the opportunity to socialize, network, and enjoy a delicious meal together. The event was coupled with the release of the annual magazine "Quisqualis" that serves as a testament to the academic excellence, research endeavors, and creative talents of the Botany Department.

**Total no. of Participants: 250**



## **Freshers Party- Daffodil organized by Antheia**

**Date:** 10th October, 2023

**Time:** 12.00 pm

**Venue:** Room No. 136

**About the event:** The freshers' party marked an exciting and vibrant event for all participants. It provided an 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.

**Activities involved:** Various activities were organized to engage the attendees that

**Daffodil**

**Freshers' Party 2023**  
Presented by  
Antheia

The Botanical Society of  
Miranda House

📅 **10 October, Tuesday**

Doors open at **1:00 PM**

📍 **AT ROOM NO.130**

**Dr. Deepali**  
Teacher in Charge  
Department of Botany

**Dr. Laishram Sundari Devi**  
**Dr. Veena Beri**  
Staff Advisors, Antheia

For any queries contact  
Anagha Ann Jose -President (9188352439)  
Shreya Jaiswal-General Secretary(7905862991)



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included:

- Icebreaker games to facilitate interaction among students.
- Dance performances

**No. of students who attended the event:**  $31+23+42=96$

**25<sup>th</sup> Manasi Ram Memorial Lecture** was organized on

**Date:** 13th March, 2024

**Speaker:** Prof. Rakesh Bhatnagar

(National Science Chair, School of Biotechnology, Jawaharlal Nehru University)

**Title:** Development of genetically engineered vaccine and therapeutic antibodies against anthrax

**About the lecture:** The 25th Manasi Ram Memorial lecture was a captivating event that delved into the intricacies of vaccine development against Anthrax by Prof Rakesh Bhatnagar. The lecture aimed to enlighten students about the discoveries and development of genetically engineered vaccines against anthrax and also provide valuable insights into the current state of research. The lecture

Miranda House cordially invites you to the  
**25th Manasi Ram Memorial Lecture**  
"Development of Genetically Engineered Vaccine  
and Therapeutic Antibodies against Anthrax"

**Prof. Rakesh Bhatnagar**  
National Science Chair, Jawaharlal Nehru University

**13 March 2024** **10:45 am** **Room No. 145**

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

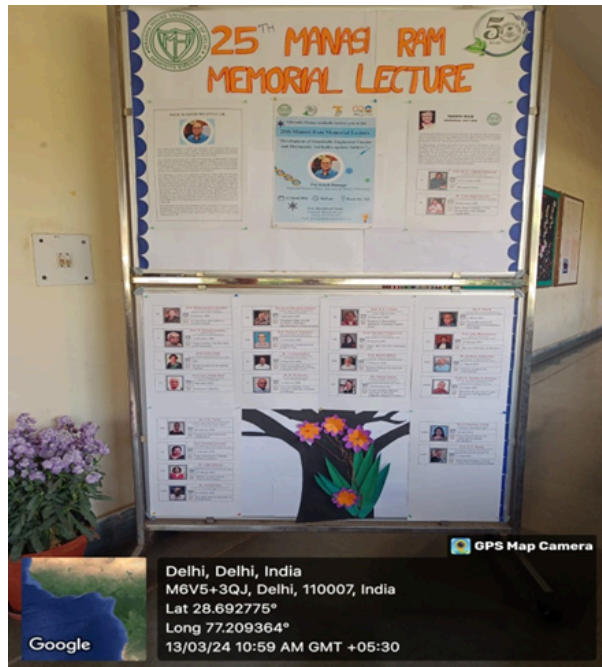


# Miranda House

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provided a comprehensive overview of the development of genetically engineered vaccines and therapeutic antibodies against anthrax, thereby enriching students' understanding of the subject and inspiring them to pursue further exploration in the field. 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.

**No. of students who attended the event:** 34+21+27=82







# Miranda House UNIVERSITY OF DELHI

**Competitions and Educational talk in *Koshika*'24 organized on:**

**Date: 20th March, 2024**

**Speaker:** Prof Sudeshna Mazumdar-Leighton (Department of Botany, University of Delhi)

**Title:** Plant-Silkworm Interactions & Tribal Communities: Towards Viksit Bharat.

About the event: *Koshika 24*, The annual fest of Antheia, The Botanical Society of Miranda House organized several activities, each designed to captivate participants. This rich array of activities, included engaging competitions such as *Slice it Thin*, *Poster Presentation*, *Rangoli Making*, *Quiz* and *Photography*. The Nescafe Lawns of Miranda House hosted a delightful array of stalls offering organic planters to eco-friendly jute products, all serving to showcase and promote the department's fest. We were privileged to engage in an educational talk, by the esteemed speaker "Prof Sudeshna Mazumdar-Leighton".

Dr. Sudheshna Mazumdar-Leighton, an esteemed alumnae of Botany

**Antheia**  
The Botanical Society  
Miranda House  
ANNOUNCES  
**KOSHIKA'24**  
PRESENTS

Educational Talk  
Rangoli Making  
Photography  
Slice it Thin  
Quiz  
Poster Presentation

20 March, 2024 9:15 AM Onwards Miranda House

Open to undergraduate students of all colleges

Cash prizes, Certificates and Social media shout out for winners

Scan to register

come and celebrate with us

Dr. Laishram Sundari Devi  
Dr. Veena Beri  
Staff Advisors

Dr. Deepali  
Teacher-in-Charge

Prof. Bijayalaxmi Nanda  
Principal

For queries, contact  
Anagha Ann Jose-9188352439 (President, Antheia)



# Miranda House UNIVERSITY OF DELHI

Department, Miranda House, delivered an enlightening talk on "Plant-Silkworm Interactions & Tribal Communities: Towards Viksit Bharat" as part of Koshika '24, the annual fest of Antheia, The Botanical Society of Miranda House. The presentation aimed to explore the intricate relationships between plants, silkworms, and tribal communities, with a focus on fostering sustainable development in rural India. Dr. Leighton commenced the talk by delving into the fascinating dynamics of plant-silkworm interactions. She elucidated how certain plant species serve as the primary food source for silkworms, playing a pivotal role in the sericulture industry. Dr. Leighton emphasized on the symbiotic relationship between plants and silkworms and also highlighted the ecological significance of this interaction. Dr. Leighton engaged in a lively question-and-answer session with the audience, further exploring key concepts and addressing inquiries related to plant-silkworm interactions and community development initiatives.

The Botany department's fest concluded successfully, leaving us with fond memories and a deeper appreciation for the

The poster features logos for Miranda House University of Delhi, G20 India 2023, and Antheia. The text reads: "Under aegis of IQAC Antheia The Botanical Society of Miranda House PRESENTS KOSHIKA '24 LECTURE ON 'Plant-Silkworm Interactions & Tribal Communities: Towards Viksit Bharat' Prof. Sudeshna Mazumdar-Leighton Department of Botany, University of Delhi". It also includes a photo of Prof. Sudeshna Mazumdar-Leighton and details: "20 March, 2024 10:30 AM Room no. 145". Staff advisors listed are Dr. Laishram Sundari Devi, Dr. Veena Beri, Dr. Deepali (Teacher-in-Charge), and Prof. Bijayalaxmi Nanda (Principal). Contact information for Angha Ann Jose is provided at the bottom.





# Miranda House UNIVERSITY OF DELHI

marvels of botany.

**No. of students who attended the event:**  $34+19+45=98$



**A Farewell party *Freesia*'24** was conducted for the third year students before commencing their final examination on 1 May, 2024 in room no. 136.

**No. of Participants: 100**



## Part B.2

**Extension Activities organized**



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### **Part B.3**

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