



Miranda House UNIVERSITY OF DELHI

Departmental Annual Report - 3

Departmental Activities: Curriculum and Beyond

Department: Botany

Year: 2019-2020

Department Society and its Office Bearers:

Botanical Society “Antheia”

1. **President:** Shreya Sharma; B. Sc. (H) Botany III year
2. **General Secretary:** Swati Nayak; B. Sc. (H) Botany II year
3. **CR 3rd Year:** Anudeepthi Marni; B. Sc. (H) Botany III year
4. **CR 2nd Year:** Diksha Patel; B. Sc. (H) Botany II year
5. **CR 1st Year:** Chahat Kaushal; B. Sc. (H) Botany I year

Staff Advisors: Dr. Renuka Agrawal and Dr. Rajeshwari

Part B.1

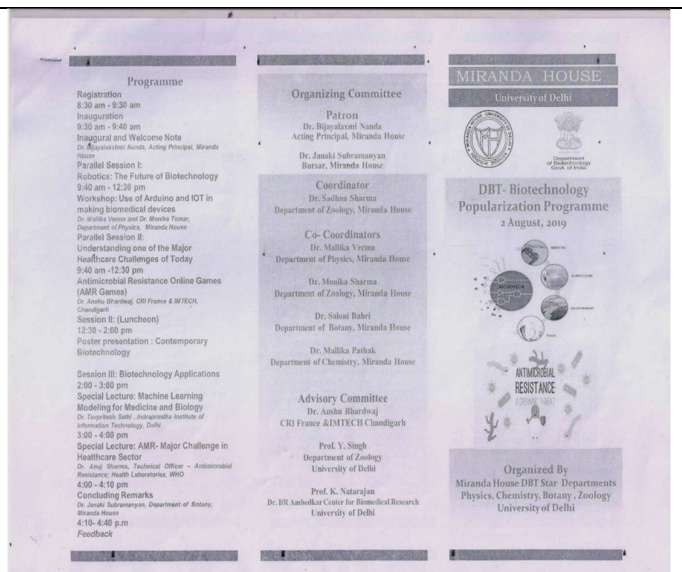
Seminars/conferences/workshops conducted by the Department

Department of Biotechnology (DBT)-
Biotechnology popularization Programme under
the CTEP Programme of DBT, Miranda House,
University of Delhi, Delhi.

Date: 02 August 2019

Dr. Janaki Subramanyan was a Patron, and Dr.
Saloni Bahri was a Co-Coordinator

No. of participants: 20





Miranda House UNIVERSITY OF DELHI

Bridge Course on Basic Laboratory Techniques, organized by Department of Botany under the aegis of DS Kothari Central Inter-Disciplinary Research Facility, Miranda House, University of Delhi.

Date: For B.Sc. (Honours) Botany I Year students, 05 and 06 August 2019.


Dr. Madhu Bajaj and Dr. Saloni Bahri were the Coordinators of the Bridge Course.

No. of participants: 41

Summary Report

The Department of Botany conducted a Bridge Course on 'Basic Laboratory Techniques' for students of B.Sc. Honours Botany I Year under the aegis of D.S. Kothari Centre for Research and Innovation in Science Education, Miranda House. The objectives of the Bridge Course were to: (i) highlight the importance of safety measures to be followed while working in the laboratory, (ii) familiarize the students with the use of microscopes and handling of glassware, (iii) teach the working of instruments such as centrifuge, vortex mixer and colorimeter, and (iv) explain the use of micropipettes and preparation of solutions. The Course aimed at augmenting the students' basic knowledge about scientific instruments and laboratory techniques. A laboratory manual was also prepared for the Bridge Course covering all the topics in detail and given to all the students along with a Certificate of Participation.

Duration of the Course: 10 Hours



The image shows the cover of a brochure for a bridge course. The background is a light green color with a vertical image of a green leaf on the right side. At the top center is the Miranda House University of Delhi logo. Below the logo, the text reads: "BRIDGE COURSE BASIC LABORATORY TECHNIQUES for B.Sc.(H) Botany Year Students organized by Department of Botany Miranda House and D S Kothari Central Inter-disciplinary Research Facility Miranda House, University of Delhi 05 and 06 August 2019 COURSE COORDINATORS Dr. Madhu Bajaj Associate Professor Dr. Saloni Bahri Assistant Professor CONVENOR Dr. Bijayalaxmi Nanda Acting Principal".



Miranda House UNIVERSITY OF DELHI

Programme

3 BC Schedule 2019 Compatibility Model - Word

D.S. Kothari Centre for Research and Innovation in Science Education
Department of Botany, Miranda House
Bridge Course on Basic Laboratory Techniques
For B.Sc. (H) Botany 1 Year Students

Programme	Session	Time	Trainer	Responsible Person
Day 1 August 05, 2019 Monday	Session 1	8:30 AM - 10:30 AM	Dr. Mohan Bhat	
		10:30 AM - 11:45 AM		
		11:45 AM - 12:45 PM	Dr. Rajendra	
		12:45 PM - 1:45 PM		
Session 2	Safety Measures in the Laboratory	8:30 AM - 11:45 AM	Dr. Anshu Sahasrabudhe	
		11:45 AM - 1:15 PM		
		1:15 PM - 1:45 PM	Dr. Anshu Sahasrabudhe	
		1:45 PM - 2:15 PM	Dr. Anshu Sahasrabudhe	
Session 3	Preparation of Buffers	8:30 AM - 11:45 AM	Dr. Sandhya Kalia Roy	
		11:45 AM - 1:15 PM		
		1:15 PM - 1:45 PM	Dr. Sandhya Kalia Roy	
		1:45 PM - 2:15 PM	Dr. Sandhya Kalia Roy	
Day 2 August 06, 2019 Tuesday	Session 3	8:30 AM - 11:45 AM	Dr. Deepali	
		11:45 AM - 1:15 PM	Dr. Madhu Bajaj	
		1:15 PM - 1:45 PM		
		1:45 PM - 2:15 PM	Dr. Anshu Sahasrabudhe	
Session 4	Observation of Diff	8:30 AM - 11:45 AM	Dr. R. Ganesha	
		11:45 AM - 1:15 PM		
		1:15 PM - 1:45 PM		
		1:45 PM - 2:15 PM		

**BRIDGE COURSE
BASIC LABORATORY TECHNIQUES**

D.S. KOTHARI CENTRAL INTER-DISCIPLINARY RESEARCH FACILITY
&
DEPARTMENT OF BOTANY
MIRANDA HOUSE
UNIVERSITY OF DELHI

This is to certify that Preeti Gupta of _____
B.Sc. (H) Botany 1 Year participated in the Bridge Course on Basic Laboratory Techniques organized from 5 to 6 August 2019.

Dr. Bijayalaxmi Nanda
Acting Principal

List of Participants

Bridge Course Attendance 2019-20

B.Sc. (H) Botany I Year

S. No.	Roll No.	Name	05-Aug-19	06-Aug-19
1	1238	Aayushi Sahay	<i>Aayushi</i>	<i>Aayushi</i>
2	1167	Aditi Bhat		
3	1454	Anjali Karn	<i>Anjali Karn</i>	<i>Anjali Karn</i>
4	1304	Anjali Pandey	<i>Anjali Pandey</i>	<i>Anjali Karn</i>
5	1475	Arushee Chopra	<i>Arushee</i>	
6	448	Atulya Thakur	<i>Atulya</i>	<i>Atulya</i>
7	1438	Ayushi Yadav	<i>Ayushi</i>	
8	279	Banoth Sravani	<i>B. Sravani</i>	<i>B. Sravani</i>
9	1488	Binisha Shrestha	<i>Binisha</i>	<i>Binisha</i>
10	1671	Chahat Kaushal	<i>Chahat</i>	<i>Chahat</i>
11	1294	Deepti	<i>Deepti</i>	<i>Deepti</i>
12	1536	Garima Dubey	<i>Garima Dubey</i>	<i>Garima Dubey</i>
13	1502	Gitanjali Sharma		
14	1539	Jyotika Tuteja	<i>Jyotika</i>	<i>Jyotika</i>
15	1495	Kanika Bhardwaj	<i>Kanika</i>	<i>Kanika</i>
16	1596	Kirti Singh	<i>Kirti Singh</i>	<i>Kirti Singh</i>
17	1197	Komal Yadav	<i>Komal</i>	<i>Komal</i>
18	1440	Laimayum Isani Devi	<i>Laimayum</i>	<i>Laimayum</i>
19	138	M Shanti	<i>M Shanti</i>	<i>M Shanti</i>
20	1645	Makula Supriya	<i>Makula</i>	<i>Makula</i>
21	1639	Medhawani Dutt	<i>Medhawani</i>	<i>Medhawani</i>
22	1330	MS Pragati	<i>MS Pragati</i>	<i>MS Pragati</i>
23	1529	Muskan Tyagi	<i>Muskan</i>	<i>Muskan</i>
24	1433	Neethu Rose Lawrence		
25	1649	Neha Sehrawat	<i>Neha</i>	<i>Neha</i>
26	1463	Nisha	<i>Nisha</i>	<i>Nisha</i>
27	1201	Prachi Choudhary	<i>Prachi</i>	<i>Prachi</i>
28	1533	Preeti Gupta	<i>Preeti Gupta</i>	<i>Preeti Gupta</i>
29	1280	Prerna Yadav	<i>Prerna</i>	<i>Prerna</i>
30	1560	Priyanka Moirangthem	<i>Priyanka M.</i>	<i>Priyanka M.</i>
31	24	Rajkumari Neha		
32	1268	Rushda Khan	<i>Rushda Khan</i>	<i>Rushda Khan</i>
33	1486	Safeda Hussain N K	<i>Safeda</i>	<i>Safeda</i>
34	1063	Saloni	<i>Saloni</i>	<i>Saloni</i>
35	1661	Shagun Singh	<i>Shagun</i>	<i>Shagun</i>
36	1482	Sheetal Yadav	<i>Sheetal</i>	<i>Sheetal</i>
37	60	Shreshthi Agarwal	<i>Shreshthi</i>	<i>Shreshthi</i>
38	1447	Shreya Pandey	<i>Shreya</i>	<i>Shreya</i>
39	1308	Shubhra Singh	<i>Shubhra</i>	<i>Shubhra</i>
40	1472	Simran Bano		
41	1513	Sineeta Singh		
42	1422	Smriti Rathee	<i>Smriti</i>	<i>Smriti</i>
43	1276	Srishti Kaner	<i>Srishti</i>	<i>Srishti</i>
44	1247	Stanzin Tsel		
45	1464	Tanzeela Nazir	<i>Tanzeela</i>	<i>Tanzeela</i>
46	99	Theertha Pradeep	<i>Theertha</i>	<i>Theertha</i>
47	1574	Umang Mishra	<i>Umang</i>	<i>Umang</i>
48	1172	Vasupriya	<i>Vasupriya</i>	<i>Vasupriya</i>
49	1688	Sonam Palmo	<i>Sonam</i>	<i>Sonam</i>
50	1769	Kavika Singh	<i>Kavika</i>	<i>Kavika</i>

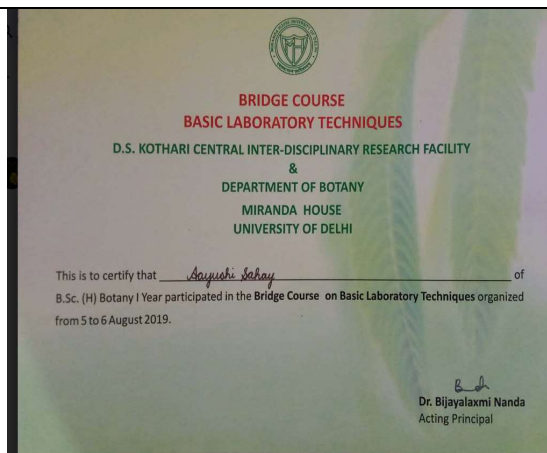
Madhu Bajaj

Saloni

Coordinators



Miranda House UNIVERSITY OF DELHI



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3. Use of Glassware <i>Dr. Rajeshwari</i>	15
4. Colorimetry <i>Dr. Rashmi Shukya</i>	21
5. Centrifugation <i>Dr. Deepali</i>	25
6. Use of Pipettes and Micropipettes <i>Dr. Remika Agrawal</i>	32
7. Preparation of Solutions <i>Dr. Madhu Bajaj</i>	35
8. Preparation of Buffers <i>Dr. Soumitra Sinha Roy</i>	39
9. Determination of pH <i>Dr. E. Geetanjali</i>	43
10. Microtechniques <i>Dr. Neeta Chaudhary</i>	47

Bridge Course on Basic Laboratory Techniques, organized by Department of Botany under the aegis of DS Kothari Central Inter-Disciplinary Research Facility, Miranda House, University of Delhi.

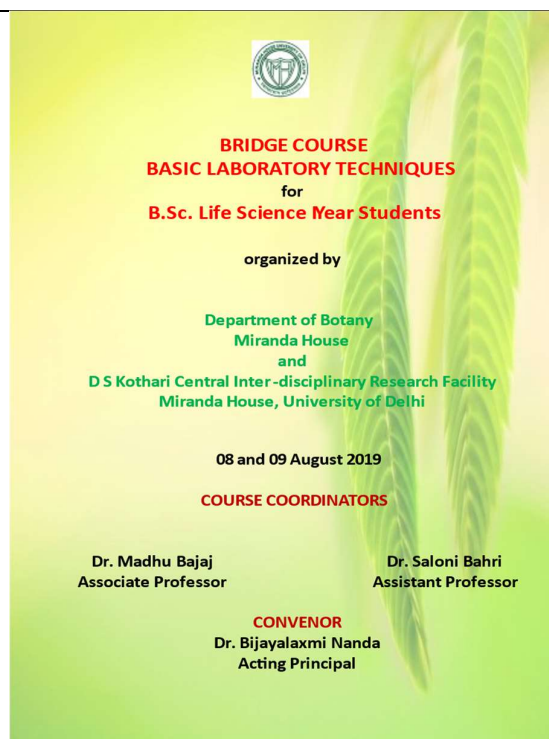
Date: For B.Sc. Life Science I Year students, 08 and 09 August 2019.

Coordinators: Dr. Madhu Bajaj and Dr. Saloni Bahri were the Coordinators of the Bridge Course.

No. of participants: 31

Summary Report

The Department of Botany conducted a Bridge Course on 'Basic Laboratory Techniques' for





Miranda House UNIVERSITY OF DELHI

students of B.Sc. Life Science I Year under the aegis of D.S. Kothari Centre for Research and Innovation in Science Education, Miranda House. The objectives of the Bridge Course were to: (i) highlight the importance of safety measures to be followed while working in the laboratory, (ii) familiarize the students with the use of microscopes and handling of glassware, (iii) teach the working of instruments such as centrifuge, vortex mixer and colorimeter, and (iv) explain the use of micropipettes and preparation of solutions. The Course aimed at augmenting the students' basic knowledge about scientific instruments and laboratory techniques. A laboratory manual was also prepared for the Bridge Course covering all the topics in detail and given to all the students along with a Certificate of Participation.

Duration of the Course: 10 Hours

Programme

**D.S. Kothari Centre for Research and Innovation in Science Education
&
Department of Botany, Miranda House**
Bridge Course on Basic Laboratory Techniques
For B.Sc. Life Science I Year Students

Program	Date & Day	Session	Time	Enslg	Resource Person
Day 1 August 19, 2019 Theory	Session 1	Microscopy	9:30 am - 10:30 am	Dr. Sakshi Bhatn	
		Colorimetry	10:30 am - 11:30 am	Dr. Sakshi Bhatn	
	Session 2	Preparation of Buffers	11:30 am - 12:30 pm	Dr. Sakshi Bhatn	
		Safe Use of Glassware & Laboratory	12:30 pm - 1:30 pm	Dr. Sakshi Bhatn	
		Use of Pipettes	1:30 pm - 2:30 pm	Dr. E. Ganesha	
		Preparation of Solutions	2:30 pm - 3:30 pm	Dr. Sakshi Bhatn	
Day 2 August 20, 2019 Practical	Session 3	Use of Glassware	9:30 am - 10:30 am	Dr. Rajeshwari	
		Colorimetry	10:30 am - 11:30 am	Dr. Deepika	
	Session 4	Centrifugation	11:30 am - 12:30 pm	Dr. Rajeshwari	
		Microscopy	12:30 pm - 1:30 pm	Dr. Sakshi Bhatn	

List of Participants

Bridge Course Attendance 2019-20

2019
13/8/19
Mamuel

No.	Roll No.	Name	Monday 08-Aug-19	Tuesday 09-Aug-19	Wednesday 10-Aug-19	Thursday 11-Aug-19	Friday 12-Aug-19
1	1245	Aditi Bhardwaj	Aditi	Aditi	Aditi	Aditi	Aditi
2	16356	Akanksha Anand	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha
3	1587	Amritpal	Amritpal	Amritpal	Amritpal	Amritpal	Amritpal
4	1243	Amulya	Amulya	Amulya	Amulya	Amulya	Amulya
5	1154	Anisha Raj	Anisha	Anisha	Anisha	Anisha	Anisha
6	1265	Anu Chadda	Anu	Anu	Anu	Anu	Anu
7	1312	Anushka Dayal	Anushka	Anushka	Anushka	Anushka	Anushka
8	1591	Brahmacharimayum Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi
9	1616	Charvi Saini	Charvi	Charvi	Charvi	Charvi	Charvi
10	1325	Chhavi Torner	Chhavi	Chhavi	Chhavi	Chhavi	Chhavi
11	1246	Deepanshi Agarwal	Deepanshi	Deepanshi	Deepanshi	Deepanshi	Deepanshi
12	383	Deepika	Deepika	Deepika	Deepika	Deepika	Deepika
13	1563	Devanshi Maurya	Devanshi	Devanshi	Devanshi	Devanshi	Devanshi
14	332	Doddi Venkata Apoorva	Apoorva	Apoorva	Apoorva	Apoorva	Apoorva
15	1619	Imrakshi	Imrakshi	Imrakshi	Imrakshi	Imrakshi	Imrakshi
16	387	Ira Zibbu	Ira	Ira	Ira	Ira	Ira
17	1624	Ishika	Ishika	Ishika	Ishika	Ishika	Ishika
18	1269	Jhanavi Gupta	Jhanavi	Jhanavi	Jhanavi	Jhanavi	Jhanavi
19	1532	K Usha Rani	Usha	Usha	Usha	Usha	Usha
20	1244	Kavya Sharma	Kavya	Kavya	Kavya	Kavya	Kavya
21	385	Khushi Bhoop Gurjar	Khushi	Khushi	Khushi	Khushi	Khushi
22	1525	Komal Yadav	Komal	Komal	Komal	Komal	Komal
23	1570	Kritika Jayant	Kritika	Kritika	Kritika	Kritika	Kritika
24	461	Lavudya Soujanya	Lavudya	Lavudya	Lavudya	Lavudya	Lavudya
25	1542	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima
26	883	Mansi Chandra	Mansi	Mansi	Mansi	Mansi	Mansi
27	1484	Meenakshi Yadav	Meenakshi	Meenakshi	Meenakshi	Meenakshi	Meenakshi
28	70	Meera Govind K S	Meera	Meera	Meera	Meera	Meera
29	1659	Muskan Maheshwari	Muskan	Muskan	Muskan	Muskan	Muskan
30	1483	Namita Mishra	Namita	Namita	Namita	Namita	Namita
31	1311	Naysha Gupta	Naysha	Naysha	Naysha	Naysha	Naysha
32	1540	Neha	Neha	Neha	Neha	Neha	Neha
33	1281	Neha Nandini	Neha	Neha	Neha	Neha	Neha
34	443	Parinaysha Gupta	Parinaysha	Parinaysha	Parinaysha	Parinaysha	Parinaysha
35	1230	Pinky	Pinky	Pinky	Pinky	Pinky	Pinky
36	462	Pratibha Gangwar	Pratibha	Pratibha	Pratibha	Pratibha	Pratibha
37	91	Prema Gupta	Prema	Prema	Prema	Prema	Prema
38	1340	Priya Rana	Priya	Priya	Priya	Priya	Priya
39	528	Sakshi Kushwaha	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
40	1292	Sapna Yadav	Sapna	Sapna	Sapna	Sapna	Sapna
41	1421	Shikha Kayan	Shikha	Shikha	Shikha	Shikha	Shikha
42	1288	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani
43	1313	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha
44	1663	Tarzin Dechen	Tarzin	Tarzin	Tarzin	Tarzin	Tarzin
45	1175	Vanshika Bhardwaj	Vanshika	Vanshika	Vanshika	Vanshika	Vanshika
46	1305	Vyakhya Singh	Vyakhya	Vyakhya	Vyakhya	Vyakhya	Vyakhya
47	1702	Wishiti Kaur	Wishiti	Wishiti	Wishiti	Wishiti	Wishiti
48	1778	Sueta	Sueta	Sueta	Sueta	Sueta	Sueta

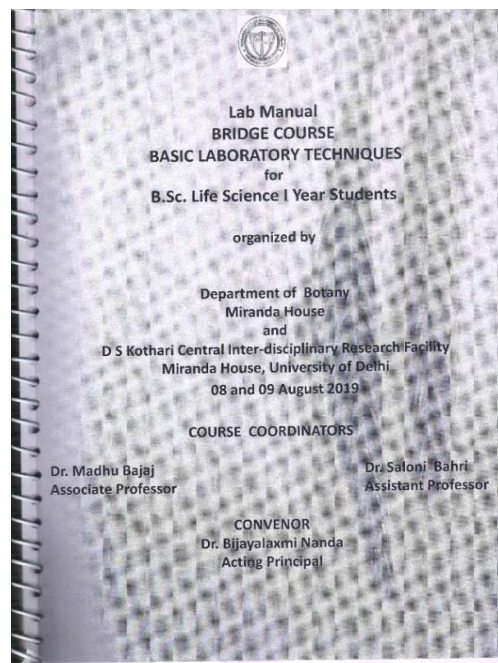
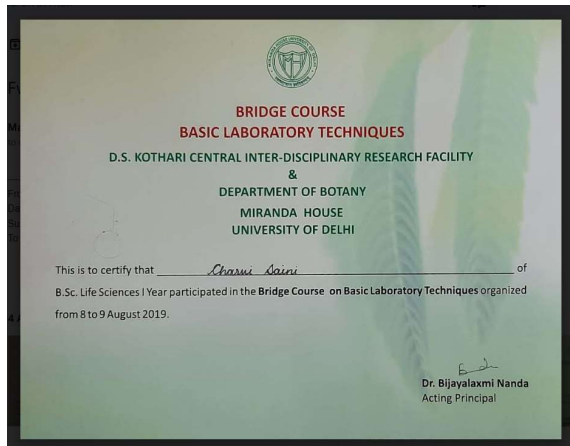
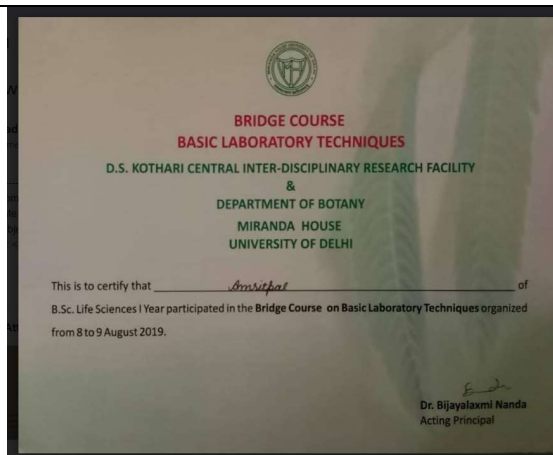
Madhu Bajaj
Suloni

Coordinators



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Cover Page and Contents Page of Manual



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Miranda House UNIVERSITY OF DELHI

Workshop on Biofertilizers for B.Sc. Life Science II Year students, DBT Star College Scheme, Department of Botany, Miranda House, University of Delhi, Delhi.

Date: 28 August 2019

Dr. Janaki Subramanyan and Dr. Saloni Bahri were the Coordinators of the Workshop.

No. of participants: 24



DBT Star College Scheme

A Workshop on Biofertilizers



Date : 28 August 2019

Time : 9.30 a.m. to 4.00 p.m.

Venue: Room No. 130, Department of Botany

Coordinators: Dr Janaki Subramanyan, Dr Saloni Bahri

**DBT Star College Project Co-ordinator
Dr Sadhna Sharma**

**Chairperson
Dr Bijayalaxmi Nanda, Acting Principal, Miranda House**

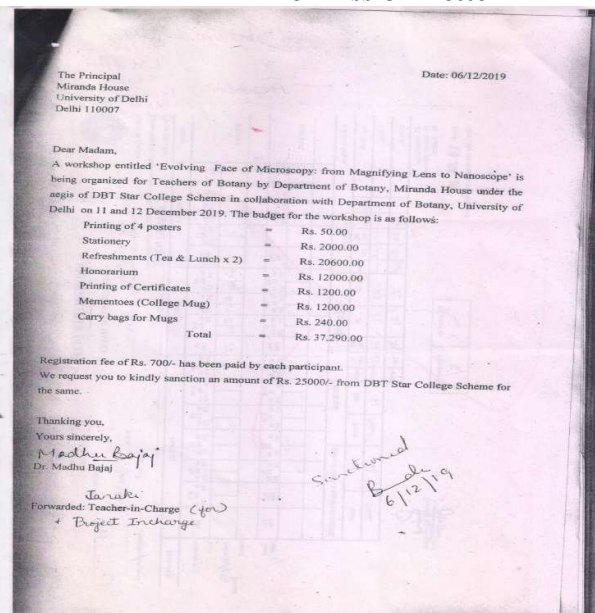
Evolving Face of Microscopy: Magnifying Lens to Nanoscope, Workshop for Teachers of Botany organized by Department of Botany, Miranda House, under the aegis of DBT Star College Scheme, in collaboration with Department of Botany, University of Delhi.

Date: 11-12 December 2019

Dr. Madhu Bajaj and Dr. Saloni Bahri were the Coordinators of the Workshop.

No. of participants: 18

Permission Letter





Miranda House UNIVERSITY OF DELHI

Programme

Conveners Professor K.S. Rao
Dr. Bijaya Lambrania

Coordinators Dr. Madhu Bajaj
Dr. Saloni Bahri

Coordinator, Dr. Sadhana Sharma

DBT Star College

Organizing Committee

Dr. Janaki Subramanyam
Dr. Rashmi Shukla
Dr. E. Geetanjali
Dr. Deepali
Dr. Renuka Agrawal
Dr. Somdutta Sinha Roy
Dr. Neeta Chaudhary
Dr. Rajeshwari

For Registration
Click on the link:
https://docs.google.com/forms/d/e/1FAJQO45mVpftQ1C9Xhu5h7m2M2h0z7PnK0e-NOjap0m1yW465W0mZu5p5a1_Link

Maximum number of participants: 25
First come first serve!
On the spot registrations are not allowed
Registration Fee: INR 700.00
Mode of Fee Payment: NRI/NTDS in favour of Principal, Miranda House
Bank for e-transfer: Bank Reserve State Bank of India
Branch: Miranda House, North Campus, University of Delhi,
Delhi 110007
Account Number: 1081101313
IFSC Code: SBIN0010454,
MICR: 110002402
For further enquiries please contact :
9810099919/9810099928
e-mail : madhu_bajaj@mirandahouse.ac.in
saloni_bahri@mirandahouse.ac.in

Day 1: 11 December 2019	
9:00-9:30 am	Registration
9:30 am	Welcome Address by Dr. Bijaya Lambrania, Acting Principal, Miranda House, University of Delhi
9:35 am	Inaugural Address by Prof. K.S. Rao, Head, Department of Botany, University of Delhi
9:45 am	Changing of Light Microscopy by Prof. S. B. Babbar
11:15 am	Tea break
11:45 am	Electron Microscopes and Scanning Probe Microscopy by Prof. S. B. Babbar
1:15 pm	Lunch
2:00 pm	Lecture cum Demonstration: Differential Interference Contrast Microscopy, Fluorescence Microscopy, and Confocal Microscopy by Prof. Vishnu Bhat

Day 2: 12 December 2019

9:30 am	Flow Cytometry by Prof. Shalendra Goel
10:30 am	Tea break
11:00 am	Demonstration of Flow Cytometry by Prof. Shalendra Goel
1:00 pm	Lunch Break
1:45 pm	Demonstration of Transmission and Scanning Electron Microscopy by Ms. Arjun Adit and Ms. Remya Krishnan

Evolving Face of Microscopy: Magnifying Lens to Nanoscope

Workshop for Teachers of Botany

organized by
Department of Botany, Miranda House
(Accredited by NAAC with A Grade)
under the aegis of DBT Star College Scheme

in collaboration with
Department of Botany, University of Delhi
(Accredited by NAAC with A Grade)

Date: 11-12 December 2019
Venue: Seminar Hall, Department of Botany, University of Delhi



About the Workshop

Light Microscopes have come a long way from a single lens magnifying glass and the first compound microscope, constructed by Francis and Zacharias Janssen of Holland (1590), to present day nanoscopes providing atomic resolution beyond the restriction imposed by Abbe's equation. During the course of evolution of microscopy using light as the medium of image formation, various types of light microscopes were developed to enhance the visualizing and analyzing power of human eye in conjunction with the brain. These include Darkfield Microscopy, Phase Contrast Microscopy, Differential Interference Contrast Microscopy, Fluorescence Microscopy and Confocal Laser Scanning Microscopy. However, the resolution of these microscopes remained restricted to the limit imposed by Abbe's equation.

Realization of the limitations of light as the medium of image formation, and two important developments in fundamental physics, during the first quarter of twentieth century, resulted in the development of Electron Microscopy by Ernst Ruska (1931). Electron microscopes use electrons as the medium of image formation, thus, resolution achieved is much higher than that possible with a light microscope. Since the advent of the electron microscope, its two main variants, Scanning Electron Microscope (which scans the surface of the specimen and provides a 3-dimensional view) and Transmission Electron Microscope (that provides structural details of ultrathin sections), have been routinely used by biologists since then.

A relatively recent development in light microscopy is the Confocal Microscope that uses a laser to scan the specimen at successive depths and a computer used in conjunction with it converts the stack of scanned planes into a 3-dimensional image. Other advances include the Scanned-Probe Microscope (which uses various probes to examine the specimen surface), Cryo-Electron Microscope (which permits determination of structure of biomolecules in solution) and Nano-Microscope (which allows molecules to be visualized within live cells). The inventors of the latter two have been awarded the Nobel Prizes in Chemistry in 2014 and 2017, respectively.

The Workshop aims to provide an overview of microscopy highlighting the recent developments and advances in the field of microscopy through lectures and demonstrations.

Resource Persons


Prof. S. B. Babbar
Department of Botany, University of Delhi


Prof. Vishnu Bhat
Department of Botany, University of Delhi


Prof. Shalendra Goel
Department of Botany, University of Delhi


Ms. Remya Krishnan
Assistant Professor, Department of Botany
Kalindi College, University of Delhi


Mr. Arjun Adit
Junior Research Fellow
Department of Botany
University of Delhi

Poster

Evolving Face of Microscopy: Magnifying Lens to Nanoscope

Workshop for Teachers of Botany

11-12 December 2019


Organized by
Department of Botany, Miranda House
(Accredited by NAAC with A Grade)
under the aegis of DBT Star College Scheme
in collaboration with
Department of Botany, University of Delhi
(Accredited by NAAC with A Grade)

Venue: Seminar Hall, Department of Botany, University of Delhi

Coordinators
Dr. Madhu Bajaj
Dr. Saloni Bahri
Miranda House
University of Delhi

Convener
Dr. Bijayalaxmi Nanda
Acting Principal
Miranda House
University of Delhi

Convener
Professor K.S. Rao
Head
Department of Botany
University of Delhi





Miranda House UNIVERSITY OF DELHI

Workshop on Herbarium Techniques for B.Sc.(H) Botany students organized by Miranda House, University of Delhi, Delhi under the aegis of DBT Star College Scheme.

Date: 20 January 2020

Dr. Janaki Subramanyan and Dr. Saloni Bahri were the Convenors for the Workshop.

No. of participants: 89

Department of Botany
Miranda House
Organizes

Workshop on Herbarium Techniques
For B.Sc. (H) Botany Students

Under the Aegis of DBT Star College Scheme

Date: 20 January 2020
Time: 9.30 a.m. to 4.30 p.m.
Venue: Room No. 145, Lecture Theatre

Convenors
Dr. Janaki Subramanyan, Dr. Saloni Bahri

DBT Star College Scheme Co-ordinator
Dr Sadhna Sharma

Chairperson: Dr. Bijayalaxmi Nanda
Acting Principal
Miranda House
University of Delhi

Air Pollution Mitigation: Species to Communities for undergraduate students organized by Miranda House, University of Delhi, Delhi, under the aegis of DBT Star College Scheme.

Date: 17 February 2020

Dr. Saloni Bahri and Dr. Somdutta Sinha Roy were the Coordinators of the Workshop.

No. of participants: 34

Department of Botany
Miranda House
Workshop for
Undergraduate Science Students

Air Pollution Mitigation: Species to Communities
under the aegis of DBT Star College Scheme

Date: 17 February 2020
Time: 9.15 a.m. to 4.00 p.m.
Venue: Room No. 136

Lectures followed by Hands-on Training

Resource Person for Hands-on Training:
Dr. Chirashree Ghosh
Associate Professor, Department of Environmental Studies,
University of Delhi

Dr. Saloni Bahri
Dr. Somdutta Sinha Roy
Convenors

Dr. Bijayalaxmi Nanda
Acting Principal
Chairperson



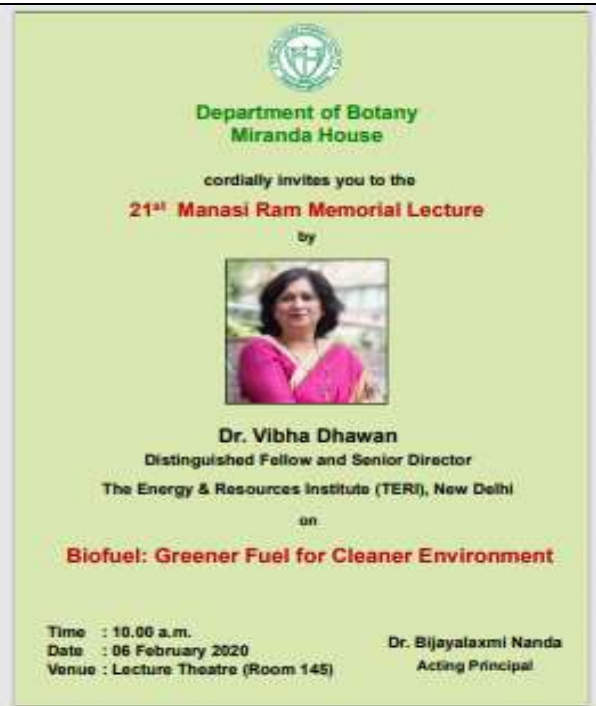
Miranda House UNIVERSITY OF DELHI

21st Manasi Ram Memorial Lecture Biofuel: Greener Fuel for Cleaner Environment by Dr. Vibha Dhawan, Distinguished Fellow and Senior Director, The Energy & Resources Institute (TERI), New Delhi.

Date: 06 February 2020

Dr. Saloni Bahri was the Coordinator of the Lecture.

No. of participants: 120 (approx.)



Part B.2

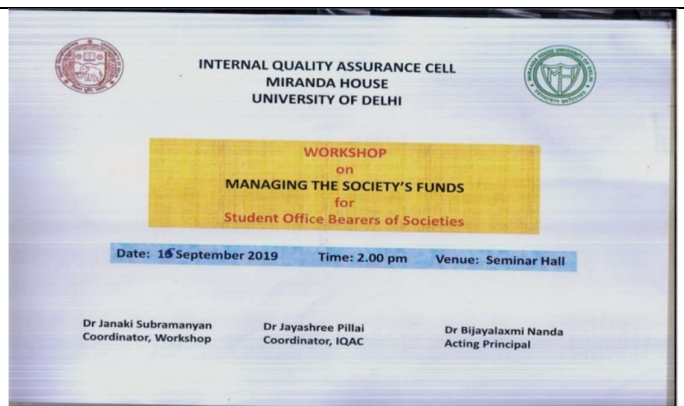
Extension Activities organized

Workshop on Managing the Society's Funds for Student Office Bearers, organized under the aegis of the Internal Quality Assurance Cell (IQAC) of Miranda House, University of Delhi, Delhi.

Date: 16 September 2019

Dr. Janaki Subramanyan was a Coordinator of the workshop.

No. of participants: 51





Miranda House UNIVERSITY OF DELHI

Department of Botany organized a lecture on Environmental and Health Impacts of Microplastics and its Management by Dr. Ludovic Dumeé, Senior Faculty Scientist, Deakin University, Australia

Date: 24 February 2020

Dr. Saloni Bahri and Dr. Somdutta Sinha Roy were the Conveners.

No. of participants: 50 (approx..)

Department of Botany
Miranda House

cordially invites you to a lecture
on

**Environmental and Health Impact of
Microplastics and its Management**

by

Dr Ludovic Dumeé
Senior Faculty Scientist, Deakin University, Australia

Date : 24 February 2020
Time : 9.30 a.m.
Venue: Room No. 145

Dr. Saloni Bahri
Dr. Somdutta Sinha Roy
Conveners

Dr. Bijayalaxmi Nanda
Acting Principal
Chairperson

Part B.3

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



Miranda House UNIVERSITY OF DELHI

Botanical Society Inaugural Lecture on Promises and Fears of Transgenic Technology by Professor Arun Jagannath, Department of Botany, University of Delhi, Delhi.

Date: 09 September 2019

No. of participants: 70 (approx.)



ANTHEIA



THE BOTANICAL SOCIETY OF MIRANDA HOUSE

Invites you to its Inaugural Lecture
by



Prof. Arun Jagannath

Department of Botany, University of Delhi

on

***PROMISES AND FEARS OF TRANSGENIC
TECHNOLOGY***

Date- 09 September, 2019

Time- 2:00 P.M onwards

Venue- Room No. 136