



Miranda House

UNIVERSITY OF DELHI

Departmental Annual Report - 3

Departmental Activities: Curriculum and Beyond

Department: Zoology

Year: 2018-19

Department Society and its Office Bearers:

Zoology Society, Synapse organizes various seminars, Symposium and workshops to create a holistic environment of learning beyond classrooms. Activities also include arranging Fresher's Welcome, Student Excursion, Bridge courses and Farewell party. Zoology Society released Department magazine 'Evolvere' that embodies the creative expression from students and teachers.

President	Vice President	General Secretary	Treasurer	Editors	Co-Editors	Event Manager
Vartika Srivastava	Nishtha Wadhwa	Palvi Gotra	Pooja	Anubhuti Krishna and Noor Chhikara	Jasmine Malik and Devanshee	Srijan Singh and Nikita Malik

Staff Advisors:

Dr. Monika Sharma



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Part B.1

Seminars/conferences/workshops conducted by the Department

DBT STAR COLLEGE SCHEME
2-DAYS FLOW CYTOMETRY WORKSHOP ON
FUNDAMENTALS AND ADVANCED CONCEPTS OF FLOW CYTOMETRY
2 AUG 2018 - 3 AUG 2018
DSKC LAB, MIRANDA HOUSE, UNIVERSITY OF DELHI

Course Highlights

- Basic and Advanced Concepts of Flow Data Analysis
- Analysis and Presentation for Multicolor Immunophenotyping, DNA Cell Cycle, Apoptosis, etc.
- Compensation and Data Visualization
- Experimental and Gating Controls (FMO, Isotypes, Internal, Biological etc)
- Troubleshooting of Flow Data

Why to attend?
This Flow Course is one of its kind initiatives, where researchers will learn to change their flow data into publishable results.

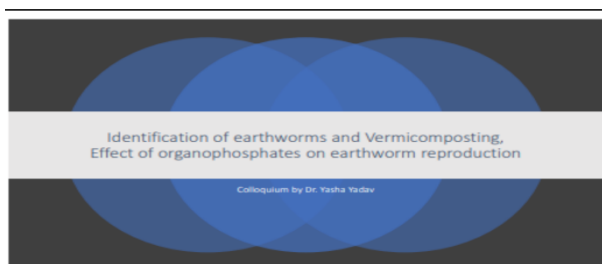
Who Can Attend
PhD Students, Researchers
Registration Fee- 1000

Contact
DR. SADHNA SHARMA
DR. MONIKA SHARMA
saurabh.mirandahouse@gmail.com

Resource persons
DR. VINAY GUPTA, BD BIOSCIENCES

A two days student workshop on "**Fundamentals and Advanced concepts of Flowcytometry**" was organized from August 2-3 August, 2018. Workshop was coordinated by Dr. Sadhna Sharma and Dr. Monika Sharma. The workshop was attended by B.Sc. Zoology (H) final year students of Miranda House and research scholars from DSKC, Miranda House, Department of Zoology Delhi University, Vallabhbhai Patel Chest research institute and Ambedkar Centre for Biomedical Research Institute. Dr. Vinay Gupta from the BD Biosciences was the resource person. The objective of the workshop was to introduce our undergraduate students to basic and advanced concepts of flowcytometry and its applications in the field of immunology and cell biology.

Participants-20.



Colloquium on Identification of earthworms and vermicomposting: effect of organophosphates on their reproduction was presented by Dr. Yasha Yadav from Department of Zoology, Miranda House on 06 August 2018. In total 40 students participated in the colloquium at room no-247.

Participants-40.

Earthworm types





Participants-38.

3:00 PM – 4:00 PM

3:00 PM – 4:00 PM

Participants-40.

Participants-40.

3:00 PM – 4:00 PM

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Colloquium on

**Red Biotechnology
and
Mammalian Cell Culture**

Speaker: Dr. Sadhna Sharma
Department of Zoology
Miranda House

Organized by: Department of Zoology, Miranda House
Venue: Room No. 247
Date & Time: 27th September, 2018
2:00 PM – 3:00 PM

Colloquium on **Red Biotechnology and Mammalian Cell Culture** was presented by Dr. Sadhna Sharma from Department of Zoology, Miranda House on 27 September 2018.

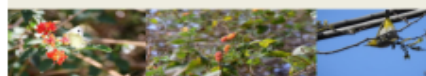
Participants-40.

Colloquium on

**The Impact Of *Lantana camara* Establishment On
The Floral And Avifaunal Communities Of The Solan
District In The Mid Himalayas Of Himachal Pradesh**

Speaker: Shruti Gupta

Working as a Project Consultant in GIZ, HP FES, Shimla, Himachal Pradesh.



Despite being the most sought after "weed", the impact of its establishment on the biodiversity is still debatable in some regions. Let us get together to know about one such interesting result and learn the requirements of a scientific study.

Organized by: Department of Zoology, Miranda House


Venue: Room No. 247

Date & Time: 1 October, 2018

3:00 PM – 4:00 PM

Colloquium on **The impact of *Lantana camara* establishment on the floral and avifaunal communities of the Solan District in the mid Himalayas of Himachal Pradesh** was presented by Ms. Shruti Gupta, Project Consultant in GIZ, HP FES, Shimla, Himachal Pradesh on 1st October 2018.

Participants-42.




SYNAPSE
Department of Zoology,
Miranda House

cordially invites you to the inaugural lecture by

Dr. KAUSTUV NAYAK
ICGEB-Emory Vaccine Centre
International Centre for Genetic Engineering and Biotechnology

ON THE TOPIC
RECENT ADVANCES IN IMMUNOLOGY



DATE: 10th OCTOBER, 2018.
TIME: 2:00pm
VENUE: ROOM NO. 248

Zoological society "Synapse" organized an inaugural lecture on "**Recent advances in immunology**" by Dr. Kaustuv Nayak from ICGEB-Emory Vaccine Center on October 10, 2018.

Participants-40.




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Colloquium on **Urban Ecology** was perented by Dr. M. Ojit, from Department of Zoology, RamJas College on 31st October, 2018.

Participants-40.


Colloquium on
ATTENDING ECOLOGY: FINDING NATURE IN CITIES
"A PERSPECTIVE FROM URBAN ECOLOGY"



Speaker: Dr. Ojit
Department of Zoology
Ramjas College, University of Delhi

Organized by: Department of Zoology, Miranda House
DATE: OCTOBER 31, 2018
TIME: 3:00pm
VENUE: ROOM NO. 348

COLLOQUIUM ON
The Fundamentals of Flying with *Drosophila*: From Classroom to Research Laboratory



Speaker: Prof. Namita Agrawal
Department of Zoology, University of Delhi

Organized by: Department of Zoology, Miranda House
Date: January 31, 2019
Time: 11:00 AM
Venue: Room No. 248

The Fundamentals of Flying with *Drosophila*: From Classroom to Research Laboratory by Prof. Namita Aggarwal, from Department of Zoology, University of Delhi on 25 January 2019.

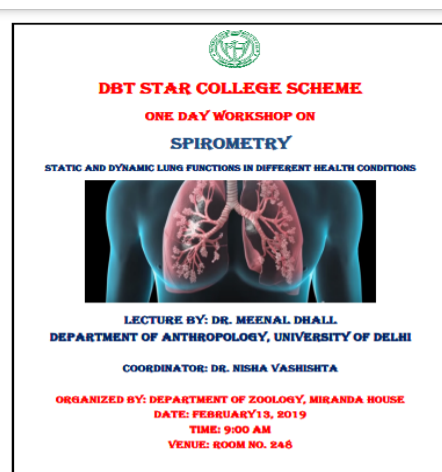
Participants-40.



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Students workshop on **Spirometry** under DBT Star College Scheme, Department of Zoology, Miranda House, 13 February, 2019. A one-day undergraduate workshop was organized on “Spirometry” and lecture on “Static and dynamic lung functions in different health conditions” by Dr Meenal Dhall, Department of Anthropology, University of Delhi on February 13, 2019 and coordinated by Dr. Nisha Vashishta.

Participants-42.



Lecture on **Bird Count** by Ms. Misha Bansal from Bird count India was organized by Department of Zoology, Miranda House on 13 February, 2019,

Participants-30.

Miranda Campus Bird Count for students under DBT Star College Scheme at Department of Zoology, Miranda House was organized 18 February, 2019 under the supervision of Mr. Chandra Bhushan Bird Count India.

Participants-30





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Yasha Yadav <yasha.yadav@mirandahouse.ac.in>

Fwd: Campus Bird Count

Jyoti Arora <jyoti.arora@mirandahouse.ac.in>
To: Yasha Yadav <yasha.yadav@mirandahouse.ac.in>

Wed, Sep 7, 2022 at 5:14 PM

----- Forwarded message -----

From: **Misha Bansal** <mishabansal94@yahoo.com>
Date: Mon, 11 Feb 2019 at 23:59
Subject: Re: Campus Bird Count
To: Jyoti Arora <jyoti.arora@mirandahouse.ac.in>
Cc: cb_maurya@yahoo.co.in <cb_maurya@yahoo.co.in>

Dear Ma'am

I hope you are doing well!

I'm pleased to introduce you to Mr. Chandra Bhushan (CCed with this mail), an avid bird enthusiast from Delhi. He is extremely passionate about documenting birds and has been monitoring Sanjay Van for many years now. I'm sure learning about birds with him will be a delight!

In order to make it comfortable for everyone to reach, I suggest we start the bird walk at 9am.

Mr. Chandra's number is +91 99689 32072. Please contact him in case you have any queries.

Kindly also confirm the date and time for my bird talk.

Thank you!
Sincerely
Misha

[Quoted text hidden]

Students workshop on “**An Insight into Zebrafish Development**” under DBT Star College Scheme, by Department of Zoology, Miranda House. 20 February, 2019. workshop on “**An Insight into Zebra fish development** under DBT Star College Scheme” was organized on February 20, 2019,, This workshop was designed to make students familiar to Zebra Fish as a model organism for studying various biological processes.

Participants-25.



World Sparrow day Celebration

Zoological society “Synapse” organized its annual festival Impulse on March 15 2019; the theme was to celebrate **World Sparrow day: focus on sparrows and their conservation.**



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Kaustabh Srikant, a Programme officer –Eco trails WWF, India.

Participants-55



DBT Star College
Miranda House
DBT- Biotechnology Popularization Programme
3rd June 2019



In collaboration with
CRI, France & CSIR-IMTECH, India

Understanding one of the Major Healthcare Challenges of Today 13:30 – 17:00

13:30 – 13:45	Introduction to the program Dr. Anshu Bhardwaj, CRI, France Dr. Sadhna Sharma, Miranda House, India
13:45 – 14:15	AMR Survey, Udit / Tina
14:15 – 15:45	Playing online games, Udit / Tina
15:45 – 16:15	Game Evaluation Survey, Udit / Tina
16:15 – 17:00	Special lecture Dr. Anil Koul, Director, CSIR-IMTECH
17:00 – 17:15	Felicitation of the Speaker & Closing remarks – Principal / Coordinator, Miranda House

Biotechnology Popularization Programme entitled, “Understanding one of the Major Healthcare Challenges of Today”

Speaker- Dr. Anshu Bhardwaj, CRI, France & CSIR-IMTECH, India

3rd June, 2019

Participants -127

The event is to assess the impact of existing online games on understanding of antimicrobial resistance. We request all the students / other participants to DO NOT read about this subject and come UNPREPARED for the event. The MORE UNPREPARED YOU ARE, THE BETTER YOU ARE FOR THE EVENT !!



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Part B.2

Extension Activities organized



**BRIDGE COURSE MANUAL
LABORATORY INSTRUMENTATION:
PRINCIPLE, USAGE AND APPLICATIONS**

A course on basic lab instruments and techniques
For
B.Sc. (H) Zoology Part I Students

8th – 14th August, 2018

Organized by
**D.S. KOTHARI CENTRE FOR RESEARCH AND INNOVATION
IN SCIENCE EDUCATION**

&
**DEPARTMENT OF ZOOLOGY
MIRANDA HOUSE**

Course Co-ordinator
Dr. Monika Sharma

Convener
Dr. Pratibha Jolly
PI, DSKC

Bridge Course on Laboratory Instrumentation: Principle, Usage and Applications was organized by the Department for students of B.Sc. (H) Zoology Part I, 40, 8-14 August 2018. The Bridge course was designed to give an exposure to the first year students of Zoology to the basic equipment and techniques used in the laboratory. This course bridges this gap and lays down a strong foundation for a fresh beginning in their college life.

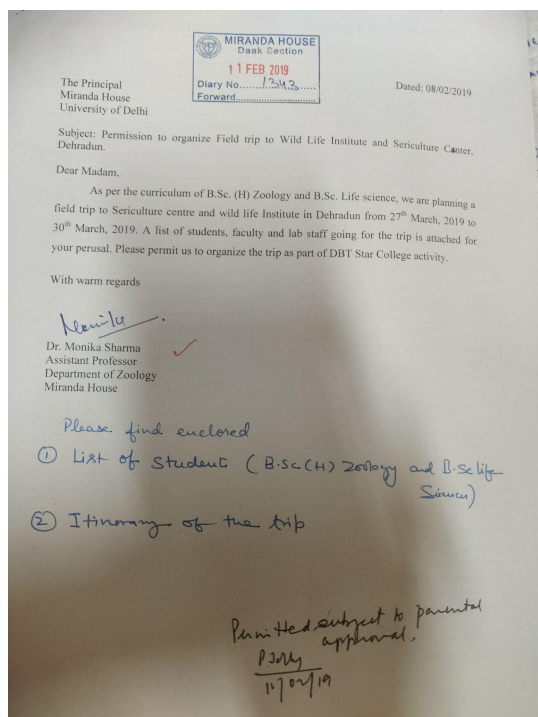
Participants-40.

The Department of Zoology, Miranda House organized an educational tour (3 days/ 2 nights) to Dehradun for the B.Sc. (H) Zoo IIIrd year and IInd year and B.Sc. Life Science IInd year students from 27th March, 2019 to 30th March, 2019. The total strength of the trip was 81, that includes 74 students, 5 teaching staff and 3 non-teaching staff. This educational trip gave students a refreshing, enlightening, adventurous and tremendous learning experience through visits to some of the prominent places. The students gained valuable insights about wildlife conservation and sericulture throughout this extensive study tour.





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Part B.3

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



Fresher's Party party was organized by the Department on 23 August 2018, there were 114 students in number.

Farewell party and Teachers day celebration was Organized by the Department.