

# Report of Department of Zoology (2024-25)



**Mehr Chand Mahajan  
DAV College for Women  
Sector-36/A, Chandigarh**

[www.mcmdavcw-chd.edu](http://www.mcmdavcw-chd.edu)  
0172- 2603355, 0172- 2624921

**Names of Programmes/Courses offered:**

B.Sc. I (FYUP)- Four Year Undergraduate Programme (Semester system)

B.Sc. II & III (Medical) - Three Years Degree Course (Semester system)

**I. FACULTY DETAILS****1. Orientation Programmes/Refresher Courses/FDPs etc. Attended:**

- Dr. Neetu successfully completed NEP 2020 Orientation and Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) organized by UGC- Malaviya Mission Teacher Training Centre, National Institute of Educational Planning and Administration, New Delhi from 01-10 January, 2025.

**2. Members in Editorial Boards/ University Bodies:**

- **Dr. Neetu-** Member of the Editorial Board of the Journal “New Horizons” published by Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh.

**3. Details of Publications by the Faculty in the session:**

Permanent Faculty/ Contractual faculty	Title of Paper	Title of the Journal with ISSN	Month/ Year	Peer Reviewed/ Refereed	URL
Dr. Neetu, Dr. Sarabjeet Kaur & Dr. Divya Sharma	Prevalence of Polycystic Ovarian Syndrome (PCOS) and its Associated Risk Factors in Female Students of Mehr Chand Mahajan DAV College for Women, Chandigarh	New Horizons ISSN 2277-5218 Vol. XXI pp 116-132	August 2024	Peer Reviewed	<a href="http://newhorizonsjournal.com/pdf/nh/NewHorizons2024.pdf">http://newhorizonsjournal.com/pdf/nh/NewHorizons2024.pdf</a>

## II. STUDENTS' ACHIEVEMENTS

Name of the Student	Class	Roll no.	Name of the Award/ Position	Name of the event	Date/s	Organizing Agency/Committee/ Department
Yamini Chaudhary	BSc I	620	Second prize	On the spot Poster making competition	04.09.2024	Department of Philosophy, Mehr Chand Mahajan DAV College for Women, Chandigarh
			First prize	Short video making competition	19.10.2024	Department of Zoology & MCM Vigyan Manch, Mehr Chand Mahajan DAV College for Women, Chandigarh
			Third prize	Inter-college Declamation contest	11.02.2025	PG Department of Zoology, DAV College, Sector-10, Chandigarh
Grashi Singh Tushita	BSc II	106 113	First prize	Quiz competition on Ozone Day	17.09.2025	Department of Zoology & MCM Vigyan Manch, Mehr Chand Mahajan DAV College for Women, Chandigarh
Manshi Sanjana		205 119	Second prize			
Muskan Gurmehak		271 255	Third prize			
Avneet Kaur	BSc II	191	Third prize	Inter-college Declamation contest on the occasion of International Microorganisms Day	18.09.2024	MBSI and Zoological Society, DAV College, Sector-10, Chandigarh
Nandini Sharma	BSc I	646	First prize	Inter-college Poetry recitation Competition 'The Inked voice'	29.01.2025	Literary society of PG Government College, Sector-46, Chandigarh
Kamalpreet Kaur Arshia Narang Avneet Kaur	BSc II	123 280 191	First prize Second prize Third prize	Photography competition to celebrate World Wetlands Day	27.02.2025	Department of Zoology & MCM Vigyan Manch, Mehr Chand Mahajan DAV College for Women, Chandigarh
Arumita	BSc III	1122	Third prize (Bracketed)			

Vartika Snehi Ishita Thakur	BSc III	1198 1171	Second prize	Best out of waste competition to celebrate Pollution Prevention Day	27.02.2025	Department of Zoology & MCM Vigyan Manch, Mehr Chand Mahajan DAV College for Women, Chandigarh
Gurkirat Kaur	BSc II	225	Third prize	Inter-college Infographic Making Competition	03.03.2025	Sri Guru Gobind Singh College, Sector 26, Chandigarh
Deepika	BSc III	1166	First prize	Eureka fest-Sketch of Indian Scientists	03.03.2025	Department of Physics, Mehr Chand Mahajan DAV College for Women, Chandigarh
Kannupreet Kaur Gurkirat Kaur	BSc II	233 225	Second prize	Scientific Rangoli competition	18.03.2025	Govt. Home Science College, Sector 10, Chandigarh
Grashi Singh Tarushi Arshia	BSc II BSc II BSc I	106 161 698	First prize Second prize Third prize	Poem recitation competition on Sparrow Day	20.03.2025	Department of Zoology & MCM Vigyan Manch, Mehr Chand Mahajan DAV College for Women, Chandigarh

### III. ACTIVITIES ORGANIZED BY THE DEPARTMENT


Title of the Activity	Date	Objective	No. of participants	Name/Designation/ Organization of Resource Person/s
Quiz competition on the theme 'Montreal Protocol: Advancing Climate Action' on the occasion of International Ozone Day	19.09.2024	To enhance awareness and knowledge among participants about the significance of the Montreal Protocol and its role in advancing climate action	20	-
Educational visit to Kudrat Organic Farm, Bar Majra, Sahibzada Ajit Singh Nagar	09.11.2024	To provide participants with first hand exposure to sustainable agricultural practices and organic farming methods	31	Mr. Dharminder, owner of the farm (Award winner from Govt. of Punjab, 2024 and from GADVASU, Ludhiana, 2023)

Interactive session on 'Exploring various career options and pathways in Life Sciences'	31.01.2025	To inform, inspire, and guide students regarding diverse career opportunities and educational pathways available in the field of life sciences	40	Mr. Vimal Bhutani, Director and Founder, Biotech Sapiens, Chandigarh
Educational visit to the regulator end of Sukhna Lake and Chandigarh Bird Park	01.02.2025	To educate participants about urban ecosystem management, water conservation techniques, and biodiversity conservation	30	-
Photography competition to celebrate World Wetlands Day	01.02.2025	To raise awareness about the importance and beauty of wetlands through the art of photography, encouraging participants to explore and appreciate these vital ecosystems	30	-
Inter-college Innovative Idea Competition on the theme 'Akshay Urja- Pioneering a Sustainable Future for India'	27.02.2025	To inspire and engage college students in developing innovative and practical ideas that harness renewable energy (Akshay Urja) to promote sustainability, energy independence, and environmental resilience in India	13	-
Best out of Waste competition to celebrate National Pollution Prevention Day	27.02.2025	To promote environmental awareness and creativity by encouraging participants to repurpose waste materials into useful or decorative items, highlighting the importance of waste reduction and pollution prevention	13	-


Popular talk cum Interactive Session on 'Fundamentals of Beekeeping'	28.02.2025	To introduce participants to the essential principles and practices of beekeeping, fostering awareness about its ecological and economic importance	57	Prof. Neelima R. Kumar, Department of Zoology, Panjab University, Chandigarh
Puppet show on the theme 'Water conservation'	28.02.2025	To raise awareness about the importance of conserving water and protecting aquatic biodiversity	24	-
Hands on workshop on 'Drosophila culture techniques'	13.03.2025	To provide participants with practical knowledge and skills required for culturing, maintaining, and using <i>Drosophila melanogaster</i> (fruit fly) for scientific research	30	Prof. N. G. Prasad, Associate Professor, Department of Biological Sciences, IISER Mohali
Poetry recitation competition on the theme 'A Tribute to Nature's Tiny Ambassadors' to commemorate Sparrow Day	20.03.2025	To foster creativity and environmental awareness among participants by encouraging poetic expression that honors sparrows and other small yet significant creatures, highlighting their vital role in Nature and the need for their conservation	06	Judged by an eminent poetess Dr. Amardeep Kaur, Assistant Professor, Department of Punjabi, Mehr Chand Mahajan DAV College
Nukkad Natak and Pledge taking ceremony to celebrate International Day of Forests	21.03.2025	To spread awareness about the crucial role of forests in sustaining life on Earth, and to inspire collective responsibility and action for forest conservation	25	-
Interactive session on 'Navigating the Path to a Career in Biological Research'	04.04.2025	To provide participants with a comprehensive understanding of the journey towards a successful career in biological research, including academic requirements, research opportunities, skill development, and real-world insights	45	Dr. Aastha Singla, Research Associate, Tata Institute of Fundamental Research, Mumbai

Educational visit to Global Apiaries, Dera Bassi	05.04.2025	To provide participants with hands-on exposure to modern beekeeping practices, and encourage interest in sustainable livelihoods through experiential learning	31	Mr. Madan Sharma, Founder, Global Apiaries, Dera Bassi
Educational visit to Evolutionary Biology Laboratory, Department of Biological Sciences, IISER, Mohali	05.04.2025	To provide insight into the laboratory's current research projects, such as studies on speciation, adaptation to different environmental conditions, and evolutionary genetics using <i>Drosophila</i>	31	Ms. Arya Dhiman, Research Scholar, IISER, Mohali

**Mehr Chand Mahajan DAV College for Women**  
Sector 36-A, Chandigarh



The Department of Zoology under the aegis of Career Counseling Cell in association with




is organizing an Interactive Session on

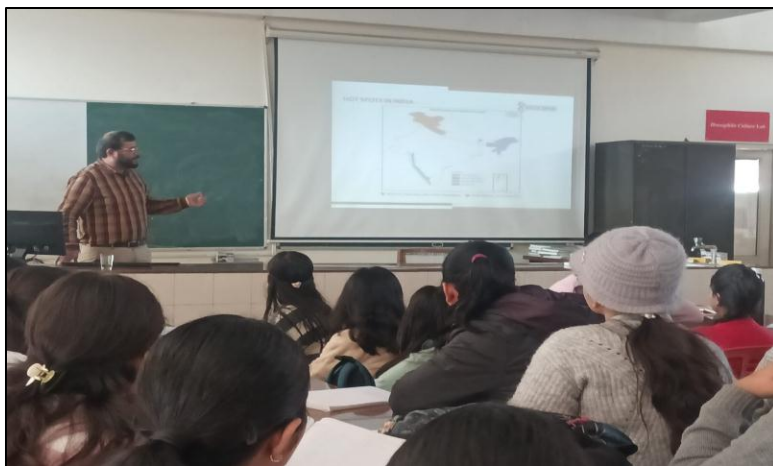
**EXPLORING VARIOUS CAREER OPTIONS AND PATHWAYS IN LIFE SCIENCES**

Date: 31 January 2025 Time: 1:30 PM Venue: Zoology Lab-I


Resource Person: **Bt. Vimal Bhutani**




Mrs Suman Mahajan: Convener & Offg. Principal  
Dr Raman Ghuman: Coordinator, Career Counseling Cell  
Dr Neetu: Head, Dept. of Zoology  
Dr Sarabjeet Kaur: Organizing Secretary  
Mr Ashish Mudgal: Activity Incharge (Creatives)








**Mehr Chand Mahajan  
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Sector 36-A, Chandigarh (U.T.)

To commemorate

**National Science Day**  
The discovery of the 'Raman Effect' by  
**Bharat Ratna Awardee  
& A Nobel laureate**

*Sir Chandrasekhara Venkata Raman*

MCM Vigyan Manch, Institution's Innovation Council (IIC 7.0)  
and  
Internal Quality Assurance Cell (IQAC)  
organize

Two Days Inter-College **SCIENCE FIESTA-2025**  
Theme:  
Empowering Indian Youth for Global Leadership in  
Science & Innovation for Viksit Bharat  
Dates:  
27 & 28 February 2025  
Sponsored by  
Department of Science & Technology and Renewable Energy  
Chandigarh Administration

**PROGRAMME SCHEDULE**

Workshop & Interactive Session:

**Two days Skill oriented Workshop on "Graphics Designing"**  
by Department of Computer Science & Applications  
Dates: 27-28 February 2025 | Venue: Computer Lab-1 (Room No. 124) | Time: 10.00 am onwards  
Event Coordinators: Dr Indu Arora & Ms Vandana Syal  
Event Co-coordinators: Dr Deepti, Ms Punam, Dr Mandeep, Dr Deeksha, Dr Ritika & Dr Navdeep

**Popular Talk cum Interactive Session on "Fundamentals of Bee Keeping"**  
by Department of Zoology  
Resource person: Prof. Neelima R. Kumar, Department of Zoology, Panjab University, Chandigarh  
Date: 28 February 2025 | Venue: Zoology Lab-1 (Room No. 61) | Time: 11.00 am  
Event Coordinator: Dr Neetu

**Puppet Show**  
Theme: Water Conservation  
by Department of Zoology  
Date: 28 February 2025 | Venue: Zoology Lab-1 (Room No. 61) | Time: 12.30 pm  
Event Coordinators: Dr Neetu, Dr Sarabjeet Kaur & Dr Divya Sharma

**Inter-College Events:**

**Innovative Idea Competition**  
Theme: Akshay Urja- Pioneering a Sustainable Future for India  
by Department of Zoology  
Date: 27 February 2025 | Venue: Zoology Lab-2 (Room No. 60) | Reporting Time: 10.45 am  
Event Coordinator: Dr Sarabjeet Kaur

**Rules and Regulations:** ■ Participants should present their innovative idea through power point presentation. ■ Time limit- 3 to 5 minutes. ■ Participants would be judged on the basis of uniqueness of the idea and its applicability. ■ [CLICK HERE](#) to register.



**Best out of Waste Competition**  
by Department of Zoology  
Date: 27 February 2025 | Venue: Zoology Lab-1 (Room No. 61) | Reporting Time: 9.45 am  
Event Coordinator: Dr Divya Sharma

**Rules and Regulations:** ■ Team shall consist of two members only. ■ Participants will be given 2 hours to show their creativity and 2 minutes to talk about the same. ■ Waste material could be anything like tetra packs, bottles, newspapers, old utensils, jute material or any second hand items that otherwise would be thrown away. ■ No ready or semi-finished model or matter would be accepted from participant in competition. ■ Participants will be judged on the basis of Creativity, Utilization of Resources, Artistic composition & design, Eco-friendly rating, Utility of the Product and Overall Presentation. ■ The decision of the judges will be considered final. ■ [CLICK HERE](#) to register.






**Mehr Chand Mahajan**  
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  INSTITUTION'S  
 INNOVATION  
 COUNCIL

Department of Zoology in collaboration with  
**MCM Vigyan Manch** and  
**Institution's Innovation Council 7.0**  
 is organizing


Department of Science & Technology and Renewable Energy  
 Chandigarh Administration  
 Sponsored  
 Hands on Workshop on

  
**Drosophila Culture  
 Techniques**

Date: 13 March 2025  
 Time: 10:30 AM  
 Venue: Zoology Lab-I (Room No. 61)

  
 Resource Person  
**Prof. N. G. Prasad**  
 Department of Biological Sciences  
 Indian Institute of Science Education & Research  
 (IISER), Mohali (Punjab)

Mrs Suman Mahajan: President, MCM@IIC7.0 and Offg. Principal  
 Dr Indu Arora: Dean Sciences  
 Dr Raman Ghuman: Vice President, MCM@IIC7.0  
 Dr Neetu: Head, Department of Zoology  
 Dr Sarabjeet Kaur & Dr Divya Sharma: Coordinators  
 Mr Ashish Mudgal: Activity Incharge (Creative)

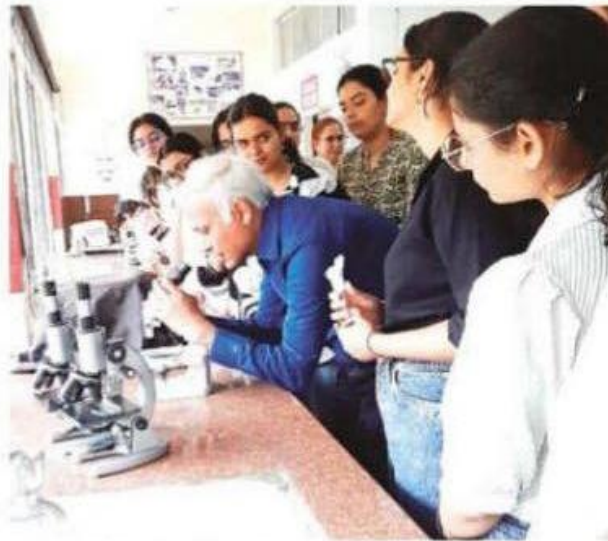




# एमसीएम में ड्रॉसोफिला पर कार्यशाला एवं ग्लोबल एपिपरीज का शैक्षणिक भ्रमण आयोजित

## सवेरा न्यूज/नीना

चंडीगढ़, 21 अप्रैल : एमसीएम डीएवी कॉलेज फॉर वुमन सेक्टर 36 के प्राणी शास्त्र विभाग द्वारा एमसीएम विज्ञान मंच एवं इंस्टीच्यूशन इनोवेशन काउंसिल के सहयोग से विज्ञान एवं प्रौद्योगिकी तथा नवीकरणीय ऊर्जा विभाग, चंडीगढ़ प्रशासन द्वारा प्रायोजित ड्रॉसोफिला कल्चर टेक्नीक्स पर एक व्यावहारिक कार्यशाला का आयोजन किया। इस कार्यशाला का उद्देश्य प्रतिभागियों को ड्रॉसोफिला मेलानोगास्टर की संवर्धन, रख-रखाव तथा वैज्ञानिक अनुसंधान में इसके उपयोग से संबंधित व्यावहारिक ज्ञान और कौशल प्रदान करना था। इस कार्यशाला में इंडियन इंस्टीच्यूट ऑफ साइंस एजुकेशन एंड रिसर्च, मोहाली से जैविक विज्ञान विभाग में प्रोफेसर एन. जी. प्रसाद बतौर विषय विशेषज्ञ शामिल



कार्यशाला में निष्कर्षण प्रक्रिया की जानकारी लेते हुए छात्राएं।

हुए। उन्होंने ड्रॉसोफिला के एक मॉडल विशेषताओं एवं वैज्ञानिक अनुसंधान में जीव के रूप में महत्त्व, इसकी जैविक इसकी भूमिका पर विस्तृत जानकारी दी।

प्रोफेसर प्रसाद ने वयस्क ड्रॉसोफिला की विशिष्ट आकृतिगत विशेषताओं तथा लिंग निर्धारण प्रक्रिया पर चर्चा की। प्रतिभागियों ने ड्रॉसोफिला के विभिन्न उत्परिवर्ती प्रकारों की पहचान करना और उनके साथ कार्य करना सीखा। छात्रों को शहद निष्कर्षण प्रक्रिया के विभिन्न चरणों जैसे शहद की कटाई, निष्कर्षण, छानने और पैकेजिंग की जानकारी दी गई। भ्रमण के दौरान मधुपालन उद्योग द्वारा सामना की जा रही प्रमुख चुनौतियां जैसे जलवायु परिवर्तन, कीट एवं रोग प्रबंधन, बाजार की अनिश्चितता और प्रदूषण को भी रेखांकित किया गया। ग्लोबल एपिपरीज के स्वामी मदन शर्मा ने अपनी उद्यमशील यात्रा साझा की और विद्यार्थियों को मधुपालन क्षेत्र में स्टार्टअप शुरू करने के लिए प्रेरित किया।

**Mehr Chand Mahajan  
DAV College for Women**  
Sector 36-A, Chandigarh



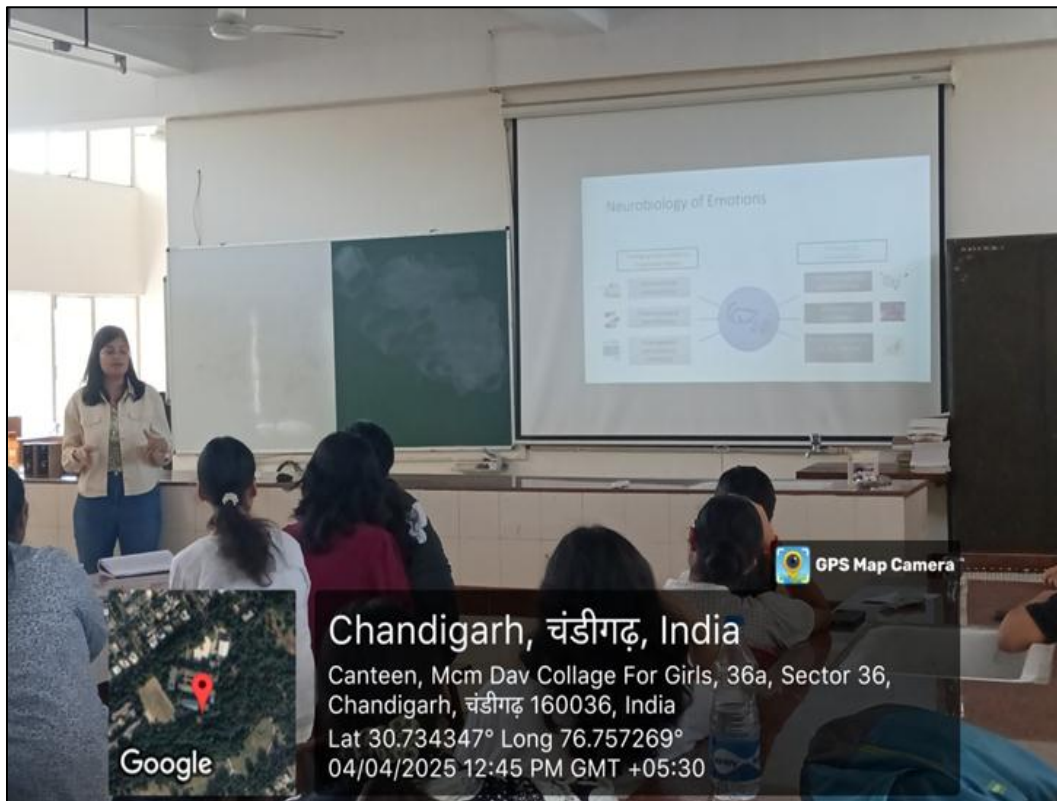
**Department of Zoology**  
In collaboration with  
**Career Counselling Cell**  
is organizing an Interactive Session on  
*Navigating the Path to a Career in*  
**Biological Research**

Date: 4 April 2025 | Time: 12.30 PM  
Venue: Zoology Lab-I



Mrs Neena Sharma  
Convener & Offg. Principal  
Dr Raman Ghuman  
Coordinator, Career Counselling Cell  
Dr Neetu  
Head, Department of Zoology  
Dr Sarabjeet Kaur & Dr Divya Sharma  
Coordinators  
Mr Ashish Mudgal  
Activity Incharge (Creative)

**Resource Person**  
**Dr Aastha Singla**  
Research Associate at TIFR Mumbai



**Mehr Chand Mahajan**  
**DAV College for Women**  
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Department of Zoology in collaboration with  
**MCM Vigyan Manch** and **MCM Eco-Club 'Parivesh'**  
 is organizing  
 Department of Science & Technology and Renewable Energy  
 Chandigarh Administration Sponsored **Poem recitation**  
 to celebrate **competition**

*World Sparrow Day*



Theme: A Tribute to Nature's Tiny Messengers  
 Date: 20 March 2025  
 Venue: Zoology Lab-I (Room No. 61)  
 Reporting time: 10:30 AM

**Important**

- The competition is open to all the students of Mehr Chand Mahajan DAV College for Women, Chandigarh.
- Individual participation only.
- Participants may recite their own poem or poem of any other poet.
- The poem must be based on the theme given and should be in English, Hindi or Punjabi.
- The participants should give a Title to the poem.
- Paper reading is not allowed.
- Time for poetry recitation: 3-4 minutes
- Judgement will be based on the clarity of speech, expression of emotion and ideas, rhythm, tone and general impression.
- Judges' decision will be final.
- Prizes will be awarded to all the winners.
- Prior registration is mandatory.

**Mrs Suman Mahajan**  
 Convener & Principal  
**Dr Indu Arora**  
 Dean Sciences  
**Dr Neetu**  
 Co-convener & Head,  
 Department of Zoology  
**Dr Sarabjeet Kaur**  
 Dr Divya Sharma  
 Coordinators  
**Mr Ashish Mudgal**  
 Activity Incharge (Creative)  
 For any queries, contact at 9855095256

**CLICK HERE** to register on or before 19 March 2025.



