

Lesson Plan
Mehr Chand Mahajan DAV College for Women, Sector – 36A, Chandigarh
Monthly Teaching Plans- Odd Semester (Semester-I)
Session – 2024-25
Department- Zoology
Name of the Teacher- Dr. Neetu & Dr. Divya Sharma
Subject- Zoology-Skill Enhancement Course
Course Code: ZOO-SEC-1-101
Course Title: Vermiculture and Vermicomposting

Month	Date		Topics to be Covered	Academic Activity to be Undertaken
	From	To		
July	22.07.2024	31.07.2024	Introduction to Vermiculture: Definition, its value in maintenance of soil structure and its role in Four Rs of waste management: Reduce, Reuse, Recycle and Recover.	Power point presentation, group discussion, assignments, Flipped classroom method
August	01.08.2024	31.08.2024	Classification, habitat, habits, morphology of <i>Pheretima posthuma</i> . Useful, local and exotic species of earthworms.	Power point presentation, group discussion, assignments, Flipped classroom method, Practical demonstration
Departmental Meeting on 27.08.2024 to review the progress of syllabus as per lesson plans				
September	01.09.2024	30.09.2024	Process of Vermicomposting: Material required, bed preparation, inoculation of earthworms, precautions and best practices, harvesting, processing, vermiwash, benefits and uses of compost. Different Methods of Vermicomposting: small- and large-scale bed method, pit method, vermicompost pots MST	Power point presentation, group discussion, assignments, Flipped classroom method, Practical demonstration, Field visit to Vermiculture farms
Departmental Meeting on 24.09.2024 to review the progress of syllabus as per lesson plans				
October	01.10.2024	31.10.2024	Earthworm farming for home gardens, and conventional commercial composting at a larger scale. Problems in vermicomposting: Pests and diseases of earthworms, frequent problems and preventive methods.	Power point presentation, group discussion, assignments, Flipped classroom method, Practical demonstration
Departmental Meeting on 29.10.2024 to review the progress of syllabus as per lesson plans				
November	01.11.2024	18.11.2024	Vermiculture and vermicompost economy and entrepreneurship. Revision and Class test	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 18.11.2024 to review the completion of syllabus as per lesson plans				
End semester Examination 19.11.2024 to 26.12.2024				