Lesson Plan

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

Monthly Teaching Plans- Odd Semester (Semester-I)

Session – 2026-27

Department- Zoology

Name of the Teacher- Dr. Divya Sharma & Dr. Ruby Singh

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	23.07.2026	31.07.2026	Vermi culture and Vermicomposting: Definition and concept Difference between Vermiculture & Vermicomposting	Power point presentation, group discussion, assignments, Flipped classroom method
August	01.08.2026	31.08.2026	Classification, habitat, habits, External morphology of *Eisenia fetida* Local and exotic species of earthworms used in vermicomposting: *Eiseniafetida, Eudrilus eugeniae, Lumbricus rubellus, Perionyx excavatus, Polypheretima elongata*	Power point presentation, group discussion, assignments, Flipped classroom method, Practical demonstration
Departmental Meeting on 26.08.2026 to review the progress of syllabus as per lesson plans				
September	01.09.2026	30.09.2026	Procedure of Vermicomposting: Materials required, Ideal environment conditions, Bed preparation,Inoculation of earthworms, Precautions during composting Harvesting procedure of vermicompost **MST**	Power point presentation, group discussion, assignments, Flipped classroom method, Practical demonstration, Field visit to Vermiculture farms
Departmental Meeting on 23.09.2026 to review the progress of syllabus as per lesson plans				
October	01.10.2026	31.10.2026	Vermiwash: Preparation and importance Problems in vermicomposting: Pests and diseases of earthworms, Common operational problems and preventive measures.	Power point presentation, group discussion, assignments, Flipped classroom method, Practical demonstration
Departmental Meeting on 28.10.2026 to review the progress of syllabus as per lesson plans				
November	01.11.2026	17.11.2026	Advantages of vermicomposting in sustainable agriculture and waste management Employment and entrepreneurship opportunities in vermicomposting **Revision and Class test**	Powerpoint presentation, group discussion, assignments, Flipped classroom method
End semester Examination from 18.11.2026 to 31.12.2026				

Lesson Plan

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

Monthly Teaching Plans- Even Semester (Semester-II)

Session – 2026-27

Department- Zoology

Name of the Teacher- Dr. Divya Sharma

Subject- Zoology- Skill Enhancement Course

Course Code: ZOO-SEC-2-201

Course Title: Apiculture

Month	Date		Topics to be Covered	Academic Activity to be Undertaken
	From	To		
January	15.01.2027	31.01.2027	Apiculture: Definition and scope Biology of honey bees: Social structure and Life cycle	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 27.01.2027 to review the progress of syllabus as per lesson plans				
February	01.02.2027	28.02.2027	Important honey bee species for apiculture*: Apis mellifera, Apis dorsata, Apis florea, Apis cerana* Artificial bee rearing: Setting up an apiary and management of Newton beehives Bee pasturage	Power point presentation, group discussion, assignments, Flipped classroom method Industrial visit to an apiary
Departmental Meeting on 24.02.2027 to review the progress of syllabus as per lesson plans				
March	01.03.2027	31.03.2027	Beekeeping equipment and their uses Methods of honey extraction: Indigenous and modern techniques **MST**	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 24.03.2027 to review the progress of syllabus as per lesson plans				
April	01.04.2027	26.04.2027	Diseases and natural enemies of honey bees: Preventive and control measures Products of the apiculture industry and their uses: Honey, Beeswax, Propolis, Pollen, Royal jelly **Revision and Class test**	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 21.04.2027 to review the progress of syllabus as per lesson plans				
End semester Examination from 27.04.2027 to 05.06.2027				

Lesson Plan

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

Monthly Teaching Plans- Odd Semester (Semester-III)

Session – 2026-27

Department- Zoology

Name of the Teacher- Dr. Sarabjeet Kaur & Dr. Divya Sharma

Subject- Zoology- Skill Enhancement Course

Course Code: ZOO-SEC-3-301

Course Title: Poultry Farming

Month	Date		Topics to be Covered	Academic Activity to be Undertaken
	From	To		
July	20.07.2026	31.07.2026	Basics of poultry farming: definition, scope, and requirements Layer vs Broiler: growth, egg production, and management	Power point presentation, group discussion, assignments, Flipped classroom method
August	01.08.2026	31.08.2026	Importance of common poultry birds (chicken, duck, turkey, goose) Housing systems: free range, deep litter, cage, intensive	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 26.08.2026 to review the progress of syllabus as per lesson plans				
September	01.09.2026	30.09.2026	Feed and feeding: nutritional needs and schedules for chicks and adults Handling poultry products: collection, storage, packaging, transport	Power point presentation, group discussion, assignments, Flipped classroom method, Field visit to Poultry farm
Departmental Meeting on 23.09.2026 to review the progress of syllabus as per lesson plans				
October	01.10.2026	31.10.2026	Importance of poultry products Common poultry diseases: Causal agents and symptoms of Avian Influenza, Newcastle disease, Fowl Cholera, Salmonellosis, Aspergillosis and Coccidiosis	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 28.10.2026 to review the progress of syllabus as per lesson plans				
November	01.11.2026	17.11.2026	Vaccination: schedule, routes, and importance **Revision and Class test**	Powerpoint presentation, group discussion, assignments, Flipped classroom method
End semester Examination 18.11.2026 to 31.12.2026				