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

Class- B.Sc. Semester I

Subject- Zoology

Course Code: ZOO-DSC-1 Maj/Min-101

Course Title: Diversity of Non-Chordates

Month	Date		Topics to be Covered	Academic Activity to be Undertaken
	From	To		
July	22.07.2024	31.07.2024	Protozoa: General characteristics and classification up to classes; Eco-Morphological notes on *Euglena, Amoeba, Paramecium & Plasmodium.* Locomotion and reproduction in Protozoans.	Power point presentation, group discussion, assignments, Flipped classroom method
August	01.08.2024	31.08.2024	Porifera: General characteristics and classification up to classes; Eco-Morphological notes on *Sycon, Hyalonema, Euplectella & Spongilla.* Canal system and Spicules in sponges. Cnidaria: General characteristics and classification up to classes; Eco-Morphological notes on *Obelia, Hydra, Physalia, Millepora, Aurelia, Tubipora, Alcyonium, Gorgonia, Metridium & Fungia.*	Power point presentation, group discussion, assignments, Flipped classroom method Practical demonstration using Museum specimens, PPT, Online resources, Group discussion
Departmental Meeting on 27.08.2024 to review the progress of syllabus as per lesson plans				
September	01.09.2024	30.09.2024	Polymorphism in Cnidaria. Coral reefs: Types, Formation and Economic Importance. Platyhelminthes: General characteristics and classification up to classes; Eco-Morphological notes on *Fasciola hepatica &Taenia solium* Nemathelminthes: General characteristics and classification up to classes; Eco-Morphological notes on *Ascaris & Ancylostoma.* Adaptations of Helminth parasites. **MST**	Power point presentation, group discussion, assignments, Flipped classroom method Practical demonstration using Museum specimens, PPT, Online resources, Group discussion
Departmental Meeting on 24.09.2024 to review the progress of syllabus as per lesson plans				
October	01.10.2024	31.10.2024	Annelida: General characteristics and classification up to classes; Eco-Morphological notes on *Nereis, Chaetopterus, Pheretima & Hirudinaria.* Metamerism, Reproduction in Oligochaeta. Arthropoda: General characteristics and classification up to classes; Eco-Morphological notes on *Limulus, Palaemon, Cancer, Scolopendra, Julus, Bombyx, Periplaneta & Palamnaeus* Social organization in termites and honey bees.	Power point presentation, group discussion, assignments, Flipped classroom method Practical demonstration using Museum specimens, PPT, Online resources, Group discussion
Departmental Meeting on 29.10.2024 to review the progress of syllabus as per lesson plans				

November	01.11.2024	18.11.2024	Mollusca: General characteristics and classification up to classes; Eco-Morphological notes on *Chiton, Dentalium, Pila, Doris, Helix, Unio, Ostrea, Pinctada, Sepia, Octopus & Nautilus.* Torsion and Detorsion in Gastropoda, Pearl formation in Bivalves. Echinodermata: General characteristics and classification up to classes; Eco-Morphological notes on *Asterias, Echinus, Cucumaria & Antedon.* Water vascular system in Asteroidea. Larval forms in Echinoderms. **Revision and Class test**	Powerpoint presentation, group discussion, assignments, Flipped classroom method Practical demonstration using Museum specimens, PPT, Online resources, Group discussion
Departmental Meeting on 18.11.2024 to review the completion of syllabus as per lesson plans				
End semester Examination from 19.11.2024 to 26.12.2024				