

Lesson Plan
Mehr Chand Mahajan DAV College for Women, Sector – 36A, Chandigarh
Monthly Teaching Plans- Odd Semester (Semester-I)
Session – 2021-22
Department- Zoology

Names of the Teachers- Dr. Sarabjeet Kaur (Sec-A)
Dr. Neetu (Sec-B)

Class- B.Sc. I (Medical)

Sections- A & B

Subject- Zoology

Paper–II: Biodiversity & Cell Biology-II (ZOO-102)

Month	Date		Topics to be Covered	Academic Activity Undertaken
	From	To		
September	23.09.2021	30.09.2021	Lysosomes: Lysosomal enzymes, Polymorphism and functions Centrosome: Structure and functions	Online lectures through Google meet, PPT, videos
October	01.10.2021	31.10.2021	Classification upto orders with brief ecological note and economic importance (if any) of the following: Platyhelminthes: <i>Dugesia</i> , <i>Schistosoma</i> and <i>Echinococcus</i> Detailed study of the following animal types: Platyhelminthes: <i>Fasciola</i> , <i>Taenia</i> Detailed study of the following animal types Aschelminthes: <i>Ascaris</i> Classification upto orders with brief ecological note and economic importance (if any) of the following: Aschelminthes: <i>Ascaris</i> , <i>Oxyuris</i> , <i>Wuchereria</i> Parasitic adaptations in Helminths	Online lectures through Google meet, PPT, videos
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 03.11.2021				
November	01.11.2021	30.11.2021	Ribosomes: Types of ribosomes, their structure and functions Cell transformation into Cancer: Introduction, difference between normal and Cancer cells, types of cancer, basic idea of transformation. Cellular basis of immunity: Cellular & Humoral immunity. Elementary idea of cells & organs of the immune system MST	Online lectures through Google meet, PPT, videos

Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 02.12.2021

December	01.12.2021	16.12.2021	Detailed study of the following animal type: <i>Annelida: Pheretima</i> Classification upto orders with brief ecological note and economic importance (if any) of the following: <i>Annelida: Nereis, Polynoe, Eunice, Arenicola, Aphrodite, Amphitrite, Chaetopterus, Tubifex and Pontobdella.</i> Nucleus: Structure and functions of nuclear membrane, nucleolus and chromosomes. Euchromatin & Heterochromatin	Online lectures through Google meet, PPT, videos
----------	------------	------------	--	--

Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 17.12.2021

End semester Examination 17.12.2021 to 27.01.2022

Lesson Plan
Mehr Chand Mahajan DAV College for Women, Sector – 36A, Chandigarh
Monthly Teaching Plans- Even Semester (Semester-II)
Session – 2021-22
Department- Zoology
Names of the Teachers- Dr. Sarabjeet Kaur (Sec-A)
Dr. Neetu (Sec-B)

Class- B.Sc. I (Medical)
Sections- A & B
Subject- Zoology
Paper-II: BIODIVERSITY & ECOLOGY - II (ZOO-202)

Month	Date		Topics to be Covered	Academic Activity Undertaken
	From	To		
February	03.02.2022	28.02.2022	<p>Detailed study of the following animal type: Mollusca: <i>Pila</i></p> <p>Classification up to orders with ecological notes and economic importance (if any) Mollusca: <i>Chiton, Anodonta, Mytilus, Ostrea, Cardium, Pholas, Solen (RazorFish), Pecten, Haliotis, Patella, Aplysia, Doris, Limax, Loligo, Sepia, Octopus, Nautilus and Dentalium</i></p>	Lecture method, PPT, Practical demonstration using museum specimens
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 02.03.2022				
March	01.03.2022	31.03.2022	<p>Detailed study of the following animal types: Echinodermata: <i>Asterias, Echinoderm Larvae.</i></p> <p>Classification up to orders with ecological notes and economic importance (if any) Echinodermata: <i>Echinus, Cucumaria, Ophiothrix, Antedon and Asterias.</i></p> <p>MST</p>	Lecture method, PPT, Practical demonstration using museum specimens
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 01.04.2022				
April	01.04.2022	30.04.2022	<p>Detailed study of the following animal types: Hemichordata: <i>Balanoglossus</i>, External characters and affinities.</p> <p>Classification up to orders with ecological notes and economic importance (if any): Hemichordata : <i>Balanoglossus.</i></p>	Lecture method, PPT, Practical demonstration using museum specimens
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 02.05.2022				
May	01.05.2022	25.05.2022	Natural resources: Renewable and nonrenewable natural resources and	Lecture method, PPT and group discussions

			<p>their conservation.</p> <p>Environmental Degradation: Causes, impact and control of environmental pollution. (Air, Water, Land, Noise)</p> <p>Inter and intra ecological relationships: Competition, predation, parasitism, commensalism, ammensalism & mutualism</p> <p>Biotic community: Characteristics, ecological succession, ecological niche.</p> <p>Revision and Class test</p>	
<p>Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans on 26.05.2022</p>				
<p>End semester Examination 26.05.2022 to 05.07.2022</p>				