



Shiv Chhatrapati Shikshan Sanstha's  
Rajarshi Shahu Mahavidyalaya Latur, (Autonomous)  
Department of Zoology and Fishery Science  
Structured Work Plan for Teaching  
Academic Year: 2025-26 (Odd Semester)

**1. Details of Classes to be taught**

Name of Teacher	Class	Semester	Course Title	Course Code	Course Type	No. of Credits	Total Teaching Hours
Miss. Pratiksha S. Patil	M.Sc. S.Y.	III	Animal Behavior and Applied Zoology	601Z003201	MEC=III	03	45

**2. Summary of Lesson Plan**

Sr. No.	Unit and Chapter to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
1	<b>UNIT I:</b> Introduction of Ethology Patterns of Behaviour	23-06-2025	22-07-2025	14	Student Seminar	CAT-I
2	<b>UNIT II:</b> Evolutionary approach to behaviour; Levels of natural selection	23-07-2025	13-08-2025	10	Student Power point presentation	CAT-II
3	<b>UNIT III:</b> Individual social interaction	14-08-2025	10-09-2025	11	Student Seminar	CAT-III
4	<b>UNIT IV:</b> Applied Zoology (Basic concepts, process and applicati	11-09-2025	9-10-2025	10	Group Discussion	-

  
Course Teacher  
Miss. Pratiksha S. Patil

  
Head  
Department of Zoology & Fishery Science  
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Miss. Pratiksha S. Patil	B.Sc. F.Y.	I	Life and Diversity of Non-chordates	101ZOO1101	DSC I	03	45

**2. Summary of Lesson Plan**

Sr. No.	Unit and Chapters to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
1	UNIT I: General characters and classification of lower Invertebrates	07-07-2025	26-07-2025	12	Student Seminar	CAT-I
2	UNIT II: General characters and classification of Platyhelminthes and Annelida	31-07-2025	28-08-2025	11	Student Power point presentation	CAT-II
3	UNIT III: General characters and classification upto classes Phylum Onychophora, Arthropoda and Mollusca	29-08-2025	20-09-2025	12	Student Seminar	CAT-III
4	UNIT IV: General characters and classification upto classes Phylum Echinodermata and Hemichordata	25-09-2025	17-10-2025	10	Group Discussion	-

*Pratiksha*  
Course Teacher  
Miss. Pratiksha S. Patil

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Miss. Pratiksha S. Patil	M.Sc. F.Y.	I	Tools and Techniques in Biology	601ZOO1201	MEC-I	03	45

**2. Summary of Lesson Plan**

Sr. No.	Unit and Chapter to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
1	UNIT I: Microscopes and Microscopic Techniques	16-07-2025	07-08-2025	14	Student Seminar	CAT-I
2	UNIT II: Chromatography	11-08-2025	01-09-2025	10	Student Power point presentation	CAT-II
3	UNIT III: Spectrophotometry	02-09-2025	25-09-2025	11	Student Seminar	CAT-III
4	UNIT IV: Electrophoresis , Centrifugation, Microtomy and Cry technique	29-09-2025	17-10-2025	10	Group Discussion	-

  
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Department of Zoology and Fishery Science  
Term I: B.Sc I, M.Sc. I, M.Sc. II(Odd Semester)**

**Miss. Pratiksha S.Patil**

**Individual Time Table-2025-26**

**w.e.f: 1.07.2024**

Day/ Time	12.30 pm -1.30 pm	2.30 pm -3.30 pm	3.30 pm - 4.30 pm	10.00 am - 1.00 pm	2.0 pm- 4.00 pm
MON			M. Sc.II AB (312) PSP		
TUE				(Lab-2) M. Sc. I (TTB) Lab Course PSP	Lab I B.Sc I(DSCI) Lab Course
WED			M. Sc.II AB (312) PSP	(R Lab) M. Sc.II AB Lab Course , PSP	
THU	B.Sc I(DSC I)(311)	M. Sc. I(TTB) PSP	-do-		
FRI	-do-	-do-		Lab2 M.Sc. I PSP (SFI)	
SAT	-do-	-do-		108 B.Sc.III IIT-JAM PSP	

**Total Workload -20**

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Academic Year: 2025-26(Even Semester)

**1. Details of Classes to be taught**

Name of Teacher	Class	Semester	Course Title	Course Code	Course Type	No. of Credits	Total Teaching Hours
Miss. Pratiksha S. Patil	M.Sc. F.Y.	II	Molecular Biology	601Z002102	MMC-V	03	45

**2. Summary of Lesson Plan**

Sr. No.	Unit and Chapter to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
1	<b>UNIT I:</b> Genome organization and DNA Replication	1-12-2025	31-12-2025	12	Surprised Test	-
2	<b>UNIT II:</b> DNA damage and repair	5-01-2026	28-01-2026	12	Student Seminar	CAT-I
3	<b>UNIT III:</b> Transcription in prokaryotes and eukaryotes	2-02-2026	23-02-2026	11	Group Discussion	Midterm
4	<b>UNIT IV :</b> Translational regulation	24-02-2026	25-03-2026	10	Student Seminar	CAT-II

  
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**1. Details of Classes to be taught**

Name of Teacher	Class	Semester	Course Title	Course Code	Course Type	No. of Credits	Total Teaching Hours
Miss. Pratiksha S. Patil	B.Sc. T.Y.	VI	Animal Biotechnology-II		DSE-II(A)	03	45

**2.Summary of Lesson Plan**

Sr. No.	Unit and Chapters to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
1	UNIT I: : Organ Culture	1-12-2025	31-12-2025	12	Surprised Test	-
2	UNIT II: Somatic Animal cell fusion	5-01-2026	28-01-2026	12	Student Seminar	CAT-I
3	UNIT III: Hybridoma Technology	2-02-2026	23-02-2026	11	Group Discussion	Midterm
4	UNIT IV: Stem Cell Biology	24-02-2026	25-03-2026	10	Student Seminar	CAT-II

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Name of Teacher	Class	Semester	Course Title	Course Code	Course Type	No. of Credits	Total Teaching Hours
Miss. Pratiksha S. Patil	M.Sc. S.Y.	IV	Animal Physiology	602ZOO4101	Major-VIII	03	45

**2. Summary of Lesson Plan**

	Unit and Chapter to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
1	UNIT I: Blood and circulation and Cardiovascular System	4-12-2025	27-12-2025	14	Surprised Test	-
2	UNIT II: Respiratory and Nervous system	1-01-2026	24-01-2026	10	Student Seminar	CAT-I
3	UNIT III: Excretory system and Thermoregulation	29-01-2026	26-02-2026	11	Group Discussion	Midterm
4	UNIT IV: Digestive system, Endocrinology and reproduction	27-02-2026	28-3-2026	10	Student Seminar	CAT-II

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**Miss. Pratiksha S.Patil**

**Individual Time Table-2025-26**

**w.e.f.: 1.12.2025**

Day/ Time	10.00 am -11.00 am	2.30 pm -3.30 pm	3.30 pm - 4.30 pm	10.00 am - 1.00 pm	11.30 am - 1.30 pm
MON	B.Sc III(DSE)PSP 312		M. Sc.I. PSP		
TUE	-do-		-do-		
WED	-do-		-do-	(R Lab) M. Sc.II Lab Course , PSP	
THU		M. Sc. II PSP		(R Lab) M. Sc.II Lab Course , PSP	
FRI		-do-			R Lab B.Sc III(VSC)
SAT		-do-			R Lab B.Sc III(VSC)

**Total Workload -20**

  
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Name of Teacher	Class	Semester	Course Title	Course Code	Course Type	No. of Credits	Total Teaching Hours
Miss. Pratiksha S. Patil	B.Sc. T.Y.	VI	Freshwater Pearls Culture	301Z006501	VSC-IV	02	45

**2.Summary of Lesson Plan**

Sr. No.	Unit and Chapters to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
1	UNIT I: : Introduction to Freshwater Pearls Culture	4-12-2025	27-12-2025	14	Surprised Test	-
2	UNIT II: Freshwater Pearl Mussel Culture	1-01-2026	24-01-2026	10	Student Seminar	CAT-I
3	UNIT III: : Pearl Induction and Cultivation	29-01-2026	26-02-2026	11	Group Discussion	Midterm
4	UNIT IV: Freshwater Pearls Culture Farm Management	27-02-2026	28-3-2026	10	Student Seminar	CAT-II

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