

**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Department of Zoology and Fishery Science**  
**Structured Work Plan for Teaching**  
**Academic Year 2024-25(Term-I)**





1. Details of Classes to be taught

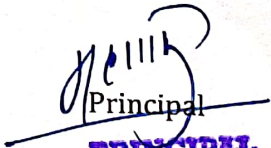
Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. F.Y. (Sem - I)	Dr. Kakasaheb S. Raut	Life and Diversity of Chordates -II	DSC-2	Lab Course-I	Th-45

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: Introduction and origin; Protochordates	16-07-2024	12-08-2024	12	Classification Chart	--
2	UNIT II: Pisces and Amphibians	13-08-2024	10-09-2024	12	Power point presentation	Assignment
3	UNIT III: Reptiles and Aves	11-09-2024	01-10-2024	11	Seminar	
4	UNIT IV: Classification of Mammals and Type study: Rat	02-10-2024	24-10-2024	10	Group Discussion	Surprised Test

  
 Course Teacher

  
 HoD  
**Head**  
 Department of Zoology & Fishery Science  
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 Latur (Autonomous)

  
 Principal  
**PRINCIPAL**  
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**Academic Year 2024-25(Term-I)**



2. Details of Classes to be taught

Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. T.Y. (Sem - V)	Dr. Kakasaheb S. Raut	Applied Zoology-X	U-ZOO-580	Lab Course-VIII	Th-45

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: Sericulture	04-07-2024	30-07-2024	12	Life cycle chart preparation	
2	UNIT II: Apiculture	05-08-2024	04-09-2024	12	Power point presentation	Assignment
3	UNIT III: Lac culture	09-09-2024	01-10-2024	11		
4	UNIT IV: Poultry culture	07-10-2024	24-10-2024	10	Group Discussion	Surprised Test

*K.S. Raut*  
Teacher

HoD *[Signature]*  
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*[Signature]*  
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**Academic Year 2024-25 (Term-I)**



2. Details of Classes to be taught

Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. S.Y. (Sem III)	Dr. Kakasaheb S. Raut	Genetics-VI	U-ZOO-364	Lab Course-IV	Th-45

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 Tests / Assignments
1	UNIT I: Mendelian Genetics and Modifications	01-07-2024	24-07-2024	11	Life cycle chart preparation	
2	UNIT II: Multiple allele and Multiple genes	01-08-2024	01-09-2024	12	Power point presentation	Assignment
3	UNIT III: Sex determination and Sex linked inheritance	02-09-2024	01-10-2024	12		
4	UNIT IV: Human Genetics	03-10-2024	24-10-2024	10	Group Discussion	Surprised Test

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

Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. F.Y. (Sem - I)	Dr. Kakasaheb S. Raut	Beekeeping	SEC	101Z001401	Th+ Practical-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 Introduction to Apiculture	21-07-2024	14-08-2024	10	Classification Chart	--
2	UNIT II: Honey bee morphology, anatomy and life cycle	16-08-2024	12-09-2024	12	Power point presentation	Assignment
3	UNIT III: Honey bee enemies and diseases	13-09-2024	05-10-2024	11	Seminar	
4	UNIT IV: Honey processing, it's properties and applications	07-10-2024	24-10-2024	12	Group Discussion	Surprised Test

*(K.S. Raut)*  
Course Teacher

*(Joshi)*  
Head  
Department of Zoology & Fishery Science  
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*(Mollik)*  
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Structured Work Plan for Teaching  
Academic Year 2024-25(Term-II)


1. Details of Classes to be taught

Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. F.Y. (Sem - II)	Dr. Kakasaheb S. Raut	Beekeeping [SEC]	101Z002601	101Z002601	Th with Practical= 45

2. Summary of Lesson Plan

Sr. No./Unit	Chapters to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
Unit-I	Introduction to Apiculture	12-12-2024	09-01-2025	12	Classification Chart	--
Unit-I	Honey bee morphology, anatomy and Life cycle.	14-01-2025	05-02-2025	11	Power point presentation	Assignment
Unit-III	Honey bee enemies and Diseases.	10-02-2025	05-03-2025	11	Seminar	
Unit-IV	Honey processing, It's properties and Applications.	10.03.2025	29-03-2025	11	Group Discussion	Surprised Test

  
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 Academic Year 2024-25(Term-II)

1. Details of Classes to be taught

Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. S.Y. (Sem - IV)	Dr. Kakasaheb S. Raut	Mol.Biology and Gen.Engineering	201Z004102	201Z00 4104	Th-45

2. Summary of Lesson Plan

Sr. No./Unit	Chapters to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
Unit-I	Structure and function of Nucleic acids	06-12-2024	02-01-2025	12	Classification Chart	--
Unit-I	Protein synthesis and structure of gene	3-01-2025	01-02-2025	11	Power point presentation	Assignment
Unit-III	Genetic engineering	08-02-2025	06-03-2025	11	Seminar	
Unit-IV	Cloning	09.03.2025	29-03-2025	11	Group Discussion	Surprised Test

  
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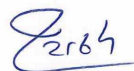
1. Details of Classes to be taught

Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. T.Y. (Sem - VI)	Dr. Kakasaheb S. Raut	Applied Zoology-XII	U-ZOO-680	Lab Course-X	Th-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: Aquaculture Principles(Definition ,Scope, importance to Integrated fish farming	09-12-2024	08-01-2025	12	Classification Chart	--
2	UNIT II: Aquaculture Culture of Non fish organism – Prawn , Pen culture to Characteristics of Water	14-01-2025	05-02-2025	11	Power point presentation	Assignment
3	UNIT III: Pisciculture Morphology of cultivable fishes to Design and Construction of fresh water fishes.	10-02-2025	06-03-2025	11	Seminar	
4	UNIT IV: Aquarium Keeping .Aquarium setting and maintenance to common fish diseases to treatment	10.03.2025	31-03-2025	11	Group Discussion	Surprised Test

  
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1. Details of Classes to be taught

Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. T.Y. (Sem - VI)	Dr. Kakasaheb S. Raut	Beekeeping and honey processing [SEC]	U-ADC-622	U-ADC-622	Th with Practical= 45

2. Summary of Lesson Plan

Sr. No./Unit	Chapters to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
Unit-I	Introduction to Apiculture	12-12-2024	09-01-2025	12	Classification Chart	--
Unit-I	Honey bee morphology, anatomy and Life cycle.	14-01-2025	05-02-2025	11	Power point presentation	Assignment
Unit-III	Honey bee enemies and Diseases.	10-02-2025	05-03-2025	11	Seminar	
Unit-IV	Honey processing, It's properties and Applications.	10.03.2025	29-03-2025	11	Group Discussion	Surprised Test

  
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1. Details of Classes to be taught

Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
M.Sc. S.Y. (Sem - IV)	Dr. Kakasaheb S. Raut	Aquaculture and its application	PP-AAI- 484	Lab Course II P-AAI- 488	Th-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: Scope and definition; origins and growth of aquaculture to Selection of Sites: hydrometeorological data.	05-12-2024	30-12-2023	12	Classification Chart	--
2	UNIT II: Aquaculture Culture of Non fish organism - Prawn, Pen culture to Characteristics of Water	02-01-2025	31-01-2025	11	Power point presentation	Assignment
3	UNIT III: Pisciculture Morphology of cultivable fishes to Design and Construction of fresh water fishes.	03-02-2025	28-02-2025	11	Seminar	
4	UNIT IV: Aquarium Keeping .Aquarium setting and maintenance to common fish diseases to treatment	01-03-2025	31-03-2025	11	Group Discussion	Surprised Test

  
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