

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Zoology and Fishery Science
Structured Work Plan for Teaching
Academic Year 2023-24(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	History of Zoology and Present Status in India	101ZOO2102	Lab Course-IV	Th-45

2. Summary of Lesson Plan

Sr. No./Unit	Unit and Chapters to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
UNIT I	Histology Epithelial tissue to Cartilage, bone and loose connective tissue Lymph and Blood.	11-12-2023	08-01-2024	12	Classification Chart	--
UNIT II	Histology of Organs 1]Stomach 2] Intestine3] Liver 4] Kidney 5]Pancreas	09-01-2024	10-02-2024	11	Power point presentation	CAT-1
UNIT III	Endocrine glands 1] Pituitary,2]Thyroid, 3] Adrenal 4] Ovary and Testis	11-02-2024	04-03-2024	11	Seminar	
UNIT IV	Histochemistry Protein:-Ninhydrin Schiff ii) Carbohydrates- PAS reaction iii) Lipids – Oil Red O Method, iv) H. Technique for DNA	05-03-2024	31-03-2024	11	Group Discussion	CAT-2

K.S. Raut
Course Teacher

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HoD

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Principal
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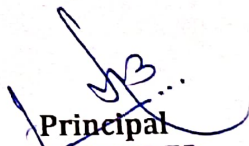
Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. T.Y. (Sem - VI)	Dr. Kakasaheb S. Raut	Applied Zoology-XII	U-Z00-680	Lab Course-X	Th-45

2. Summary of Lesson Plan

Sr. No./Unit	Unit and Chapters to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
Unit-I	Aquaculture Principles(Definition ,Scope, importance to Integrated fish farming	07-12-2023	30-12-2023	12	Classification Chart	--
Unit-I	Aquaculture Culture of Non fish organism – Prawn , Pen culture to Characteristics of Water	04-01-2024	30-01-2024	11	Power point presentation	Assignment
Unit-III	Pisciculture Morphology of cultivable fishes to Design and Construction of fresh water fishes.	03-02-2024	01-03-2024	11	Seminar	
Unit-IV	Aquarium Keeping .Aquarium setting and maintenance to common fish diseases to treatment	02-03-2024	31-03-2024	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. F.Y. (Sem - II)	Dr. Kakasaheb S. Raut	Comparative Anatomy of Vertebrates	P-LC -281	P-LC -285	Th-45

2. Summary of Lesson Plan

Sr. No/Unit.	Unit and Chapters to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
UNIT I	Protochordata: Urochordata to Amphibia	11-12-2023	30-12-2023	11	Classification Chart	--
UNIT II	Reptiles: History of reptiles to Origin of Reptiles, Aves and Evolution of Mammals	01-01-2024	31-01-2024	12	Power point presentation	Assignment
UNIT III	Comparative anatomy Integumentary system to Heart and aortic arches	01-02-2024	29-02-2024	11	Seminar	--
UNIT IV	Comparative functional anatomy, Digestive Reproductive and excretory system to Adaptive radiation.	01-03-2024	30-03-2024	11	Group Discussion	Surprise test

KS Raut
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21/6/24
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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 it's application	PP-AAI- 484	Lab Course II P-AAI- 488	Th-60

2. Summary of Lesson Plan

Sr. No./Unit	Unit and Chapters to be covered	Date from	Date to	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic
Unit-I	Scope and definition; origins and growth of aquaculture to Selection of Sites: hydrometeorological data.	10-12-2023	30-12-2023	15	Classification Chart	--
Unit-I	Aquaculture Culture of Non fish organism –Prawn , Pen culture to Characteristics of Water	04-01-2024	30-01-2024	15	Power point presentation	Assignment
Unit-III	Pisciculture Morphology of cultivable fishes to Design and Construction of fresh water fishes.	03-02-2024	01-03-2024	15	Seminar	
Unit-IV	Aquarium Keeping Aquarium setting and maintenance to common fish diseases to treatment	02-03-2024	31-03-2024	15	Group Discussion	Surprised Test


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