

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Zoology and Fishery Science
Structured Work Plan for Teaching
Academic Year 2021-22 (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.S.Y. (Sem - III)	Miss.Madhuri Y. Bhande	Paper VI: Fish Biology And Harvest Technology	U-FIS-372	Lab Course -IV	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: Growth Studies: Age and Growth Studies in Fishes:	22/07/2021	05/08/2021	10	-	Surprise Test
2	UNIT II: Maturity and Spawning in fishes:	06/08/2021	05/09/2021	11	ICT	Unit Test -I
3	UNIT III Methods of fishing and fishing gear	06/09/2021	05/10/2021	12	Seminar	Assignment
4	UNIT IV: Indigenous fishing crafts-Gears	06/10/2021	05/11/2021	12	Group Discussion	Unit Test -II

Madhuri

Course Teacher

Miss. Madhuri Y. Bhande

D.S. Rathod

HoD

Dr. D.S.Rathod

Head

Department of Zoology & Fishery Science
Rajarshi Shahu Mahavidyalaya,
Latur (Autonomous)

M.H. Gavhane

Principal

Dr. M.H.Gavhane

PRINCIPAL

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Zoology and Fishery Science
Structured Work Plan for Teaching
Academic Year July 2021 to December 2021
2021-22 (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 - 1)	Miss. Madhuri Y. Bhande	Paper I: Taxonomy, Ecology and General Topics	U-FIS-162	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 Scope and importance of fishery science Evolution of fishes.	21/09/2021	30/10/2021	10		
2	UNIT-II Introduction, self regulation of stock Predator-prey relationship Physico-chemical properties of freshwater and marine water Plankton and blooms.	01/11/2021	30/11/2021	11	Poster Presentation	Unit Test -I
3	Unit III Migration in fishes Air bladder. Weberian ossicles in fishes.	06/12/2021	30/12/2021	12	Seminar	Assignment
4	Unit IV Light producing, Electric organs, Sound producing organs, Poison glands in fishes	01/01/2022	28/02/2022	12	Group Discussion	Unit Test -II

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Academic Year 2021-22 (Term-I)

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 - I)	Miss.Madhuri Y. Bhande	Structure and functions in invertebrates	P-SFI- 181	--	Th-60

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 Protista, Parazoa, Metazoa and Porifera	15/07/2021	04/08/2021	14		Surprise Test
2	UNIT-II Cnidaria, Ctenophora and Platyhelminthes	06/08/2021	05/09/2021	16	Seminar	Unit Test -I
3	Unit III Nematohelminthes, Annelida, Arthropoda and Onychophora	07/09/2021	05/10/2021	15	Seminar	Assignment
4	Unit IV Mollusca and Echinodermata	06/10/2021	05/11/2021	15	Group Discussion	Unit Test -II

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Structured Work Plan for Teaching
Academic Year 2021-22 (Term-II)

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 - III)	Miss.Madhuri Y. Bhande	Paper :Developmental Biology	Lab Course IX	P-DEB-381	Th-60

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 animal development	07/07/2021	31/07/2021	15	Seminar	Surprise Test
2	UNIT-II : Cytoplasmic determinants and autonomous cell specification	02/08/2021	28/08/2021	15	Seminar	Unit Test -I
3	Unit III : Proximate tissue interactions Genetics of axes specification in Drosophila.	02/09/2021	30/09/2021	15	Seminar	Assignment
4	Unit IV: Cell diversification in early animal embryo	01/10/2021	30/10/2021	15	Group Discussion	Unit Test -II

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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.S.Y. (Sem - III)	Miss.Madhuri Y. Bhande	Paper VII: Culture & Breeding of Ornamental Fishes and Aquarium Keeping	U-FIS-471	Lab Course -V	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 : 1 Aquarium Setting, Aquarium Fishes.	17 .12. 2021	31 .12 2021	10	Seminar	Surprise Test
2	UNIT-II : - Aquarium Maintenance, Food and its Types	01 .01.2022	30 .01. 2022	11	Seminar	Unit Test -I
3	Unit III : Breeding of Aquarium Fishes, Equipment management while breeding fish	02. 02. 2022	28 .02.2022	12	Seminar	Assignment
4	Unit IV: Hybridization of ornamental fishes.	02 .03. 2022	29.04. 2022	12	Group Discussion	Unit Test -II

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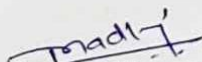
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Structured Work Plan for Teaching
Academic Year 2021-22 (Term-II)

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 - III)	Miss.Madhuri Y. Bhande	Paper III: Fish Seed Production Technology	U-FIS-361		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 : Bundh breeding- Types of bundhs	03 .02. 2022	24 .02 2022	12	Seminar	Surprise Test
2	UNIT-II : Fish seed trade and transport	25 .02.2022	23 .03. 2022	11	Seminar	Unit Test -I
3	Unit III : Hatcheries and management (Principle, structure and management)	24. 03. 2022	20 .04.2022	12	Seminar	Assignment
4	Unit IV: The Ganga River system ii) Bramhaputra river system	21 .04. 2022	10.05. 2022	10	Group Discussion	Unit Test -II


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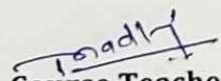
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Academic Year 2021-22 (Term-II)

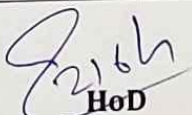
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Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
M.Sc.F.Y. (Sem - II)	Miss.Madhuri Y. Bhande	Biosystematics and Taxonomy	P-BTA -284	-	Th-60

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	Biosystematics, and types of taxonomy	03 .02. 2022	28 .02 2022	15	Seminar	
2	Dimensions of speciation and species concept and taxonomic procedures	03 .03.2022	31 .03. 2022	17	ICT Based Teaching	Unit Test -I
3	Classification and nomenclature	01. 04. 2022	25 .04.2022	14	Group Discussion	Assignment
4	Molecular taxonomy, Ethics in taxonomy and taxonomic evaluation	26 .04. 2022	10.05. 2022	14	Seminar	Unit Test -II


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