

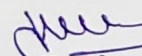
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Zoology and Fishery Science
Structured Work Plan for Teaching
Term -I
Academic Year 2022-23 (Term-I)

1. Details of Classes to be taught

Sr. No.	Class	Name of Asstt. Prof.	Subject	Course title	Course code	Practical papers	Total Teaching Hours
1	B.Sc. I	Mr. Datta A.Nalle	Fishery Science	Paper: Taxonomy, Ecology and General Topics	U-FIS-162	-----	Th -45

2.Summary of Lesson Plan

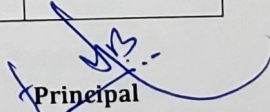
Sr. No.	Unit and Chapter to be covered	From	To	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit I Scope and importance of fishery science Evolution of fishes. General characters, classification Fish identification techniques:	- 18 July - 2022	17 Aug. 2022	12	PPT presentation - (07)	
2	UNIT-II Introduction, self regulation of stock Predator-prey relationship Physico-chemical properties of freshwater and marine water Plankton and blooms•	18 Aug - 2022	17 Sept. 2022	12	Power Point presentation (04)	Unit I, II Assignment. I Unit -Test-I
3	Unit III: Migration in fishes Air bladder. Weberian ossicles in fishes.	18 Sept - 2022	17 Oct. 2022	11	Power Point presentation (06)	
4	Unit IV : Light producing ,Electric organs , Sound producing organs, Poison glands in fishes	18 oct - 2022	15 Nov.. 2022	10	Power Point presentation (04)	Activity Based Examination Unit -Test-II


Course Teacher


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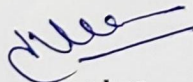
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Academic Year 2022-23 Term -I

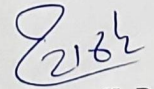
1. Details of Classes to be taught

Sr. No.	Class	Name of teacher	Subject	Course title	Course Code:	Practical papers	Total Teaching Hours
1	B.Sc. II	Mr. Datta A.Nalle	Fishery	Aquaculture paper V	U-FIS-371	Lab Course -III Lab Course -IV	Th -45

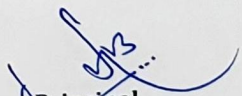
2.Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	From	To	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit I Scope of aquaculture and types	07 July -2022	17 Aug. 2022	12	PPT presentation (07)	
2	UNIT-II Intensive Fish farming, Physical, Chemical and Biological factors affecting fish culture.	18 Aug -2022	17 Sept. 2022	12	Power Point presentation (04)	Unit I, II Assignment I Unit -Test-I
3	Unit III Management of fish pond	18 Sept -2022	17 Oct. 2022	11	Power Point/Video presentation (06)	
4	Unit IV Composite Fish ,Integrated Fish Farming	18 oct -2022	15 Nov.. 2022	10	Power Point presentation (04)	Activity Based Examination Unit -Test-II


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Structured Work Plan for Teaching
Academic Year 2022-23 Term -I


1. Details of Classes to be taught

Sr. No.	Class	Name of teacher	Subject	Course title	Course Code	Practical papers	Total Teaching Hours
1	M.Sc. I	Mr. Datta A.Nalle	Zoology	Structure and functions in invertebrates	P-SFI- 181	Lab Course I	Th -60

Sub: Fishery Science


Class : M.Sc. I (Semester -I)

Sr. No.	Unit and Chapter to be covered	From	To	No. of Lectures	Academic activities to be organized	No. of Test / Assignment with topic and date
1	Unit I Protista, Parazoa, Metazoa and Porifera	12 Sept -2022	5 Oct. 2022	15	PPT presentation (05)	
2	UNIT-II Cnidaria, Ctenophora and Platyhelminthes	5 Oct. 2022	21 Oct. 2022	15	Power Point presentation (04)	Unit I, II Assignment. I Unit -Test-I
3	Unit III Nematohelminthes, Annelida, Arthropoda and Onychophora	11 Nov. 2022	30 Nov. 2022	15	Power Point presentation (06)	
4	Unit IV Mollusca and Echinodermata	1 Dec. 2022	20 Dec. 2022	15	Power Point presentation (04)	Activity Based Examination Unit -Test-II


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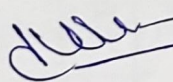
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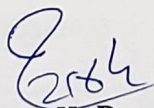
1. Details of Classes to be taught

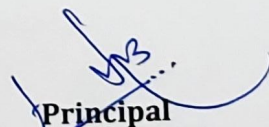
Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. F.Y. (Sem - II)	Datta A. Nalle	Paper III : Fish Seed Production technology-	U-FIS-165	Lab Course -II	Th-45

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, Preservation and storage of pituitary gland	12/12/2022	11/01/2023	11	power point presentation	Assignment
2	UNIT II: Fish seed trade and transport, open and close transportation system	12/01/2023	13/02/2023	10	Seminar	Unit Test -I
3	UNIT III Hatcheries and management (Principle, Structure and Management)	14/02/2023	11/03/2023	12	Seminar	
4	UNIT IV: The Reverie System of India	12/03/2023	31/03/2023	12	Group Discussion	Unit Test -II


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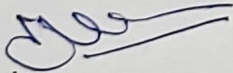
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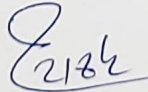
3. Details of Classes to be taught


Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. T.Y. (Sem - VI)	Datta A. Nalle	Paper XI: Aquaculture Engineering And Technology	U-FIS-677	LAB COURSE -IX	Th-45

4. 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. Aquaculture engineering 2. Instrumentation and Monitoring 3. Instruments for measuring physical conditions	12/12/2022	11/01/2023	11 -	power point presentation	Assignment -
2	UNIT II: 4. Water Transport 5. Water flow and head loss in channels and pipe systems	12/01/2023	13/02/2023	10	Seminar	Unit Test -I
3	UNIT III 6. Design and Construction of Aquaculture Facilities	14/02/2023	11/03/2023	12	Seminar	
4	UNIT IV: 7. Recirculation and Water 8. Re-use Systems Design of a re-use system	12/03/2023	31/03/2023	12	Group Discussion	Unit Test -II


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