

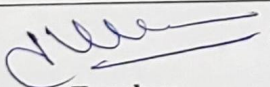
**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Department of Zoology and Fishery Science**  
**Structured Work Plan for Teaching**  
**Academic Year 2020-21 (Term-I)**

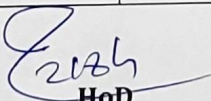
**1. Details of Classes to be taught**

Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc.T.Y. (Sem - V)	Mr. Datta A. Nalle	Paper X: Fish Genetics, Biodiversity and conservation, Fisheries act and Regulation	U-FIS-578	Lab Course-VIII	Th-45

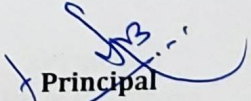
**2. Summary of Lesson Plan**

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: Principles of Fish Genetics and Biotechnology	06/08/2020	06/09/2020	10		
2	UNIT II: Hybridization Chromosomal engineering	10/09/2020	08/09/2020	11	Poster Presentation	Unit Test -I
3	UNIT III Biodiversity and conservation fishes in India. Endangered fishes of India and world.	12/10/2020	07/11/2020	12	Seminar	Assignment
4	UNIT IV: 1) Indian Exclusive economic zone (EEZ). 2) Indian Fisheries Act	11/11/2020	16/12/2020	12	Group Discussion	Unit Test -II

  
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 Mr.Datta A Nalle

  
**HoD**  
 Dr. D.S.Rathod

**Head**  
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**Principal**  
 Dr. M.H.Gavhane  
**PRINCIPAL**  
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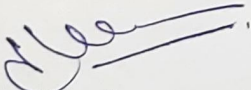
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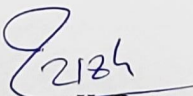
**3. Details of Classes to be taught**

Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. II	Mr. Datta A.Nalle	Fishery	Aquaculture paper V	U-FIS-371	Lab Course -III Lab Course -IV

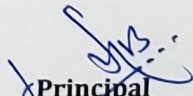
**4. Summary of Lesson Plan**

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 - Scope of aquaculture and types	13/07/2020	05/08/2020	12	Seminar	Surprise Test
2	UNIT-II Intensive Fish farming, Physical, Chemical and Biological factors affecting fish culture.	09/08/2020	07/09/2020	12	Seminar	Assignment
3	Unit III Management of fish pond	11/09/2020	07/10/2020	12	Seminar	Assignment
4	Unit IV Composite Fish ,Integrated Fish Farming	11/10/2020	06/11/2020	12	Group Discussion	Surprise Test

  
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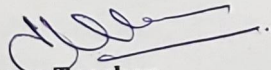
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**Academic Year 2020-21 (Term-II)**

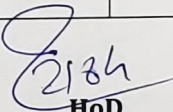
**1. Details of Classes to be taught**

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

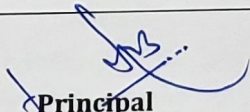
**2. Summary of Lesson Plan**

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. Aquaculture engineering 2. Instrumentation and Monitoring 3. Instruments for measuring physical conditions	19/03/2021	09/04/2021	12		Surprise Test
2	UNIT II: 4. Water Transport 5. Water flow and head loss in channels and pipe systems	10/04/2021	30/04/2021	12	ICT	Assignment
3	UNIT III 6. Design and Construction of Aquaculture Facilities	04/05/2021	18/05/2021	11	Seminar	Assignment
4	UNIT IV: 7. Recirculation and Water 8. Re-use Systems Design of a re-use system	19/05/2021	30/05/2021	10	Group Discussion	Surprise Test

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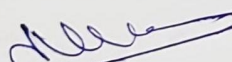
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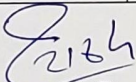
**1. Details of Classes to be taught**

Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
M.Sc.F.Y. (Sem - I)	Mr.Datta A.Nalle	Course Title: Animal Biotechnology	P- ABT-484	Lab Course IV	Th-60

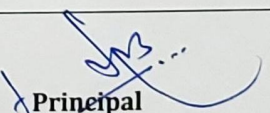
**2. Summary of Lesson Plan**

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	<b>UNIT I:</b> Biotechnology: Origin, definition and Knowledge of different branches. Genetic Engineering:	01/01/2021	30/01/2021	15	Seminar	Surprise Test
2	<b>UNIT II:</b> Fish breeding: Synthetic hormones for induced breeding – GnRH analogue structure and function; Selective breeding for improving fish stocks - hybridization in Indian fishes.	01/02/2021	28/02/2021	14	ICT Lecture	Assignment
3	<b>UNIT III:</b> Feed technology: Micro encapsulated feeds; micro coated feeds; Algal biotechnology.	01/03/2021	25/03/2021	16	Seminar	Assignment
4	<b>UNIT IV:</b> Health management, Post-harvest biotechnology:	26/03/2021	12/04/2021	15	Group Discussion	Surprise Test

  
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