

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)	Datta A. Nalle	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:	15/07/2021	04/08/2021	12	power point presentation	Assignment
2	UNIT II: Maturity and Spawning in fishes:	06/08/2021	05/09/2021	12	Seminar	UNIT TEST -I
3	UNIT III Methods of fishing and fishing gear	07/09/2021	05/10/2021	12	Seminar	
4	UNIT IV: Indigenous fishing crafts-Gears	06/10/2021	05/11/2021	12	Group Discussion	UNIT TEST II

Course Teacher

[Signature]

HoD

Head

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

[Signature]

Principal

PRINCIPAL

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

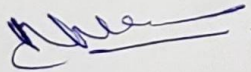
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Zoology and Fishery Science
Structured Work Plan for Teaching
Academic Year 2021-22 (Term-I)

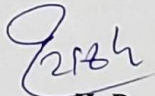
1. Details of Classes to be taught


Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. T.Y. (Sem - V)	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	15/07/2021	20/08/2021	12	Seminar	
2	UNIT II: Hybridization Chromosomal engineering	21/08/2021	21/09/2021	12	Seminar	Assignment -I
3	UNIT III Biodiversity and conservation fishes in India. Endangered fishes of India and world.	22/09/2021	15/10/2021	11	Seminar	Surprised Test
4	UNIT IV: 1) Indian Exclusive economic zone (EEZ). 2) Indian Fisheries Act	16/10/2021	05/12/2021	10	Group Discussion	Assignment -II


Course Teacher


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


Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

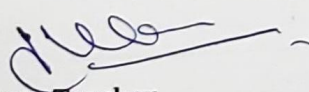
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Zoology and Fishery Science
Structured Work Plan for Teaching
Academic Year 2021-22 (Term-I)

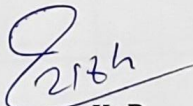
1. Details of Classes to be taught

Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. S.Y. (Sem - III)	Datta A. Nalle	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:	15/07/2021	04/08/2021	12	power point presentation	Assignment
2	UNIT II: Maturity and Spawning in fishes:	06/08/2021	05/09/2021	11	Seminar	UNIT TEST -I
3	UNIT III Methods of fishing and fishing gear	07/09/2021	05/10/2021	12	Seminar	
4	UNIT IV: Indigenous fishing crafts-Gears	06/10/2021	05/11/2021	10	Group Discussion	UNIT TEST II


Course Teacher


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


Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)


Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Zoology and Fishery Science
Structured Work Plan for Teaching
Academic Year 2021-22 (Term-II)

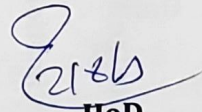
1. Details of Classes to be taught

Class	Name of Teacher	Course Title	Course Code	Practical paper code	Total Teaching Hours
B.Sc. S.Y. (Sem - IV)	Datta A. Nalle	Paper VIII: Fish Nutrition And Feed Technology	U-FIS-472	LAB COURSE -VI	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: I) Composition of the Fish II) Ingredients for Fish Feed	17/12/2021	15/01/2022	11	power point presentation	Assignment
2	UNIT II: III) Anti-oxidants in compounded feeds IV) Storage problems of Feedstuffs	20/01/2022	17/02/2022	12	Seminar	Unit Test -I
3	UNIT III V) Stability of micro-ingredients in fish feed VI) Fish Feed Formulation	18/02/2022	24/03/2022	12	Seminar	
4	UNIT IV: VII) Material Flow in Feed Manufacturing VIII) Feed Milling Processes	25/03/2022	16/04/2022	10	Group Discussion	Unit Test -II


Course Teacher


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


Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Zoology and Fishery Science
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. 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	17/12/2021	15/01/2022	11	power point presentation	Assignment
2	UNIT II: 4. Water Transport 5. Water flow and head loss in channels and pipe systems	20/01/2022	17/02/2022	10	Seminar	Unit Test -I
3	UNIT III 6. Design and Construction of Aquaculture Facilities	18/02/2022	24/03/2022	12	Seminar	
4	UNIT IV: 7. Recirculation and Water 8. Re-use Systems Design of a re-use system	25/03/2022	16/04/2022	12	Group Discussion	Unit Test -II


Course Teacher


HoD

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


Principal
PRINCIPAL
 Rajarshi Shahu Mahavidyalaya, Latur
 (Autonomous)

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Zoology and Fishery Science
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 - VI)	Datta A. Nalle	Course Title: Animal Biotechnology	P- ABT-484	Lab Course -XV	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: 1. Biotechnology: Origin, definition and knowledge of different branches. 2. Genetic Engineering: 3. Screening analysis of recombinants	17/12/2021	15/01/2022	15	power point presentation	Assignment
2	UNIT II: 4. Fish breeding 5. Gene Bank Conservation	20/01/2022	17/02/2022	15	Seminar	Unit Test -I
3	UNIT III 6. Feed technology: Micro encapsulated feeds; 7. Algal biotechnology:	18/02/2022	24/03/2022	15	Seminar	
4	UNIT IV: 8. Health management: DNA and RNA vaccines 9. Post-harvest biotechnology:	25/03/2022	16/04/2022	15	Group Discussion	Unit Test -II


Course Teacher


HoD
Head

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


Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)