

# Odd Sem I sem Fisheries - Biology of finfish

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE 2020-2021

ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER					CLASS :	Semester :			Paper :				
N. Bhagya Sri					CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
December	2nd	T-4 P-2	Introduction class - syllabus	-	PPT	1	yes			-	-	-	-
			- General character & classification of fish	Shown videos	-	-	-			Assignment	1	yes	-
			- morphology of teleost upto skin	-	youtube videos	1	yes			-	-	-	-
December	3rd	T-4 P-2	Colouration Scales (mouth)	-	charts	1	yes			Assignment	1	yes	-
			Jaws & teeth of fish	-	-	-	-			-	-	-	-
			Anatomy of teleost fish alimentary canal	-	Animation	1	yes			Suminal	1	yes	-

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**CURRICULUM LECTURER WISE 2020-2021**

ANNUAL CURRICULAR					PLAN (Year)							
NAME OF THE LECTURER					CLASS : <u>I BFC</u>				Semester : <u>I</u>		Paper : <u>Biology of Fish</u>	
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
		P-2	Identification of commercially important fishes	-	PPT	1	Yes		-	-	-	-
December	4th	T-4 P-2	associated structures like gills	-	-	-	-		Assignment	1	Yes	-
			saw bladder & accessory respiratory organs	-	charts	1	Yes		-	-	-	-
			Heart of fish	-	-	-	-		Seminal	1	Yes	-
		P-2	Identification of fish scales	-	PPT	1	Yes		-	-	-	-
December	5th	T-4 P-2	Circulation of blood	-	-	-	-		seminal	1	Yes	-

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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER					CLASS : <u>I ZFC</u>		Semester : <u>I</u>		Paper : <u>BIOLOGY OF FISH</u>				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
			osmotic & ion regulation	-	PPT	1	Yes	-	-	-	-	-	-
			Digestive system of fish	-	-	-	-	-	Seminal	1	Yes	-	-
		P-2	study of mouth parts of herbivorous & carnivorous fish	-	charts	1	Yes	-	Assignment	1	Yes	-	-
Jan	1st	T-4 P-2	Age & growth of fish	-	-	-	-	-	-	-	-	-	-
			methods for determination of growth	-	PPT	1	Yes	-	-	-	-	-	-
			marking & tagging	-	-	-	-	-	Assignment	1	Yes	-	-

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**CURRICULUM LECTURER WISE 2020 - 2021**

ANNUAL CURRICULAR					PLAN (Year)							
NAME OF THE LECTURER					CLASS : <u>BSC</u>		Semester : <u>I</u>		Paper : <u>Biology of Fish</u>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
		P-2	Comparative study of digestive system of fishes	-	PPT	1	Yes		-	-	-	
Jan	3rd	T-4 P-2	Feeding Habits	-	-	-	-		Assignment	1	Yes	
			Feeding Adaptations	-	PPT	1	Yes		-	-	-	
			natural fish food	-	-	-	-		Seminar	1	Yes	
		P-2	Gut content analysis	-	youtube	1	Yes		-	-	-	
Jan	4th	F-4 P-2	length frequency analysis	-	-	-	-		Assignment	1	Yes	

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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER					CLASS : I ZFC		Semester : I		Paper : Biology of Fish				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
			know age methods	-	-	-	-	-	-	Assignment	1	Yes	-
			mark & recap - used method	-	PPT	1	Yes	-	-	-	-	-	-
		P-2	embryonic & larval development of fish	-	-	-	-	-	-	seminar	1	Yes	-
Feb	1st	T-4 T-2	Breeding in fish	-	youtube videos	1	Yes	-	-	-	-	-	-
			Induced breeding	-	-	-	-	-	-	quiz	1	Yes	-
		P-2	study of gonadal maturity & fecundity	-	PPT	1	Yes	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER					CLASS : <u>I ZFC</u>				Semester : <u>I</u>		Paper : <u>Biology of Fish</u>		
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
Feb	2nd	T-4 P-2	Bunth Breeding	-	-	-	Yes	-	Assignment	1	Yes	-	
			testicular and ovarian cycle Fecundity	-	youtube videos	1	-	-	-	-	-	-	
		P-2	study of nest building and brooding of fish	-	-	-	Yes	-	quiz	1	Yes	-	
Feb	3rd	T-4 P-2	ova diameter	-	PPT	1	-	-	-	-	-	-	
			Oviparity. Viviparity	-	-	-	Yes	-	Seminar	1	Yes	-	
		P-2	Induced breeding technique	-	Animation	1	-	-	-	-	-	-	

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ANNUAL CURRICULAR					PLAN (Year)							
NAME OF THE LECTURER					CLASS : <u>I ZFC</u>		Semester : <u>II</u>		Paper : <u>Biology of fishes</u>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
March	3rd	T-4 P-2	fecundity in relation to length weightage & food	-	PPT	1	Yes		-	-	-	-
		P-2	lateral line nerve of teleosts	-	-	1	-		Assignment	1	Yes	-
March	4th	T-4 P-2	locomotion & migration	-	youtube	1	Yes		-	-	-	-
		P-2	Induced breeding technique.	-	-	1	-		Assignment	1	Yes	-
April	1st	T-4 P-2	classification of fish based on degree of mouth specialization	-	PPT	1	Yes		-	-	-	-
		P-2	Morphometric & meristic characters	-	-	1	-		Quiz	1	Yes.	-

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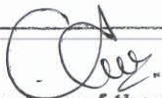
odd sem I sem fisheries - Biology of fin fish.

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CURRICULUM LECTURER WISE 2020-2021

ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER					CLASS : I BFC		Semester : I		Paper : Biology of fin fish				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
December	2nd	T-4 P-2	Introduction class - syllabus	-	PPT	1	Yes			-	-	-	
			- General character & classification of fish	-	-	-	-			Assignment	1	Yes	
			- morphology of teleost upto skin	-	Youtube videos	1	Yes			-	-	-	
December	3rd	T-4 P-2	colouration scales, mouth	-	charts	1	Yes			Assignment	1	Yes	
			Jaws & teeth of fish	-	-	-	-			-	-	-	
			Anatomy of teleost fish alimentary canal	-	Animation	1	Yes			Seminar	1	Yes	

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Odd sem III sem - FISHERIES - CAPTURE FISHERY - I

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU  
CURRICULUM LECTURER WISE 2020-2021

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ANNUAL CURRICULAR					PLAN (Year)											
NAMR OF THE LECTURER <u>A. kalyani</u>					CLASS : II BSC, ZFC				Semester : III				Paper : III capture fishery - I			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY							
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date				
December	2nd	T-4	Introduction Syllabus fish catch statistics	-	-	-	-	-	-	-	-	-	-			
		P-2	EEZ concept fishery survey	chart	chart	1	Yes	-	Biovisual chart for types	1	Yes	-	-			
December	3rd	T-4	Fish distribution Economical Importance.	-	-	-	-	-	International fish market trade	1	Yes	-	-			
		P-2	Biology of fishery	-	-	-	-	-	-	-	-	-	-			
December	4th	T-4	Biology of fishery	-	-	-	-	-	-	-	-	-	-			
		P-2	Identification of fresh	Youtube video	-	1	Yes	-	-	-	-	-	-			

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**CURRICULUM LECTURER WISE 2020-2021**

ANNUAL CURRICULAR					PLAN (Year)							
NAME OF THE LECTURER					CLASS : <u>II ZFC</u>			Semester : <u>III</u>		Paper : <u>Fishery capture fishery - I</u>		
					CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
December	5th	T-4	Other Aquatic animals.	-	-	-	-	-	Student Seminar	1	Yes	-
		P-2	Morphometric and meristic characters.	-	-	-	-	-	-	-	-	-
Jan	1st	T-4	Economic Importance of fresh water fish	Youtube video	-	1	Yes	-	-	-	-	-
		P-2	Identification of fry.	-	-	-	-	-	-	-	-	-
Jan	2nd	T-4	economic Importance of fresh water fish	-	Quiz	1	Yes	-	Quiz	1	Yes	-
		P-2	Identification of fingerlings.	-	-	-	-	-	-	-	-	-

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**CURRICULUM LECTURER WISE 2020-2021**

ANNUAL CURRICULAR					PLAN (Year)							
NAME OF THE LECTURER					CLASS : II ZFC		Semester : III		Paper : Fishery Capture fishery - I			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
Jan	3 <sup>rd</sup>	T-4	Riverine fishery Important charades	-	-	-	-	-	Student Seminar	1	Yes	-
		P-2	Identification of major carps.	-	-	-	-	-	-	-	-	-
Jan	4 <sup>th</sup>	T-4	Different river Systems in India.	-	-	-	-	-	-	-	-	-
		P-2	Commercially Important fresh water fishes.	-	-	-	-	-	-	-	-	-
Feb	1 <sup>st</sup>	T-4	East Coast river system west Coast	-	Quiz	1	Yes	-	Quiz	1	Yes	-
		P-2	Commercially Important fresh water prawns.	-	-	-	-	-	-	-	-	-

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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020-2021**

ANNUAL CURRICULAR					PLAN (Year)							
NAMR OF THE LECTURER					CLASS : <u>II zfc</u>		Semester : <u>III</u>		Paper : <u>capture fishery</u>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
Feb	2nd	T-4	River Thelum trout & mahaseer problem & management	-	Group Discussion	1	Yes	-	Group Discussion	1	Yes	-
		P-2	fresh water Crafts	-	-	-	-	-	-	-	-	-
Feb	3rd	T-4	River Thelum of Indus river system.	-	-	-	-	-	student Seminar	1	Yes	-
		P-2	fresh water Gears.	-	-	-	-	-	-	-	-	-
Feb	4th	T-4	Reservoir fishery	-	-	-	-	-	-	-	-	-
		P-2	Models provided by department.	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER					CLASS : II ZFC		Semester : III		Paper : fishery capture fishery-1				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
March	1st	T-4	Definition of lake & Classification	-	-	-	-	-	-	-	-	-	-
		P-2	visit to fish landing center	-	-	-	-	-	-	-	-	-	-
March	2nd	T-4	Kolleru lake	-	-	-	-	-	-	-	-	-	-
		P-2	Observation of Spotters	-	-	-	-	-	-	-	-	-	-
March	3rd	T-4	Different reservoirs reference to Nagarjuna Sagar	-	-	-	-	-	-	Student Seminar	-	-	-
		P-2	Observation of spotters.	-	-	-	-	-	-	-	-	-	-

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CURRICULUM LECTURER WISE 2020-2021

ANNUAL CURRICULAR					PLAN (Year) <u>VA</u>							
NAME OF THE LECTURER <u>A. kalyani</u>					CLASS : <u>III BSc, HFC</u>				Semester : <u>V</u> Paper : <u>Fin Fish Culture</u>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
<u>December</u>	<u>2nd</u>	<u>T-4 P-2</u>	<u>Introduction syllabus</u>		<u>-</u>	<u>1</u>	<u>-</u>		<u>-</u>	<u>1</u>	<u>-</u>	
			<u>Basic of aquaculture scope, definition</u>		<u>PPT</u>	<u>1</u>	<u>Yes</u>		<u>-</u>	<u>1</u>	<u>-</u>	
			<u>History of aquaculture</u>		<u>-</u>	<u>-</u>	<u>-</u>		<u>seminar</u>	<u>1</u>	<u>Yes</u>	<u>-</u>
			<u>Origin &amp; growth</u>		<u>Youtube videos</u>	<u>1</u>	<u>Yes</u>		<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>December</u>	<u>3rd</u>	<u>T-4 P-2</u>	<u>General principles underlying practices of aquaculture</u>		<u>-</u>	<u>-</u>	<u>-</u>		<u>Assignment</u>	<u>1</u>	<u>Yes</u>	<u>-</u>
			<u>Major culturable Indian crops</u>		<u>-</u>	<u>-</u>	<u>-</u>		<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER					CLASS : III ZFC		Semester : I		Paper : SA				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
			Chinese Lamps	-	PPT	1	Yes			-	-	-	-
		P-2	Estimation of Dissolved Oxygen	-	-	-	-		Quiz	1	Yes	-	-
December	4th	T-4 P-2	Airt breathing Fish	-	-	-	-		-	-	-	-	-
			Monoculture, Poly culture	Shown picture	PPT	1	Yes		-	-	-	-	-
		P-2	Estimation of dissolved oxygen	-	-	-	-		Seminar	1	Yes	-	-
December	5th	T-4 P-2	Integrated culture, cage culture	-	YouTube videos	1	Yes		-	-	-	-	-

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NAME OF THE LECTURER					CLASS : III BSC		Semester : II		Paper : IIA				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
			pen culture, Mono sex culture	-	-	-	-	-	-	-	-	-	-
		P-2	Estimation of chlorides	-	-	-	-	-	Assignment	1	Yes	-	-
Jan	1st	T-4 P-2	Classification of ponds based up on water qualities	-	-	-	-	-	-	-	-	-	-
			Spring water, flood water, water course Ponds	-	-	-	-	-	-	-	-	-	-
		P-2	Estimation of carbonates	-	-	PPT	1	Yes	-	-	-	-	-
Jan	3rd	T-4 P-2	Classification of ponds based on functions	-	-	-	-	-	Quiz	1	Yes	-	-

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NAME OF THE LECTURER					CLASS : III BFC		Semester : V		Paper : VA				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
			Hatchery, Nursery Rearing ponds	-	PPT	1	Yes	-	-	-	-	-	-
			Stocking & Quarantine Ponds	-	-	-	-	-	Seminar	1	Yes	-	-
		P-2	Estimation of bi carbonates	-	-	-	-	-	-	-	-	-	-
Jan	4th	T-4 P-2	Criteria for selection of species	-	PPT	1	Yes	-	-	-	-	-	-
			Important factors in construction of ideal pond	-	-	-	-	-	Assignment	1	Yes	-	-
		P-2	Induced breeding of carps	-	-	-	-	-	-	-	-	-	-

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ANNUAL CURRICULAR					PLAN (Year)								
NAME OF THE LECTURER					CLASS : III ZF		Semester : II		Paper : IA				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
Feb	1st	T-4 P-2	Quality & quantity of water	-	You tube videos	1	Yes	-	-	-	-	-	-
			Sources of pollution	-	-	-	-	-	Quiz	1	Yes	-	-
			pond layout	-	PPT	1	Yes	-	-	-	-	-	-
		P-2	Gonadal maturity & fecundity of larvae	-	PPT	1	Yes	-	-	-	-	-	-
Feb	2nd	T-4 P-2	Size of farm & shape of farm	-	-	-	-	-	Seminar	1	Yes	-	-
			Size & depth of pond	-	Youtube videos	1	Yes	-	-	-	-	-	-

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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020-2021**

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER					CLASS : <u>III ZFC</u>		Semester : <u>V</u>		Paper : <u>Va</u>				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
			Pond bottom preparation	-	-	-	-	-	-	-	-	-	-
		P-2	Identification of life history stages of fish	-	-	-	-	-	-	Assignment	1	Yes	-
Feb	3rd	T-4 P-2	Aerators &	-	-	-	-	-	-	-	-	-	-
			Methods of construction of pond	-	-	PPT	1	Yes	-	-	-	-	-
			Liming materials & application.	-	-	-	-	-	-	Quiz	1	Yes	-
		P-2	Study of water treatment & management of fish hatchery	-	-	Youtube videos	1	Yes	-	-	-	-	-

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(Odd sem - Fisheries)

SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE 2019-2020 2020-2021

ANNUAL CURRICULAR					PLAN (Year)							
NAMR OF THE LECTURER					CLASS :	Semester :			Paper :			
					CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
oct	1 <sup>st</sup>	2-T	Introduction to Brackish water	-	ppt	1	yes		-	-	-	-
			culture & Ecological factors	-	-	-	-		-	-	-	-
	2 <sup>nd</sup>	4-I	Ecological factors abiotic & Biotic	-	-	-	-		Seminar	1	yes	-
			factors ; Types of culture systems	-	-	-	-		-	-	-	-
		2-P	Identification of fresh water & marine water prawns	-	ppt	1	yes		-	-	-	-
	3 <sup>rd</sup>	1-T	Types of culture systems	-	youtube	1	yes		-	-	-	-

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**CURRICULUM LECTURER WISE 2019-2020 2020-21**

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER					CLASS :	Semester :	Paper :		CO- CURRICULAR ACTIVITY				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
		2-p	Identification of fresh water & marine water prawns	prawn types	-	-	-	-	-	-	-	-	
	4 <sup>th</sup>	3-7	life cycle of fresh water & freshwater prawns of india	-	-	-	-	-	Assignment	1	yes	-	
	5 <sup>th</sup>	4-7	M. rosenbergii, malcomsonii	-	-	-	-	-	Seminar	1	yes	-	
		2-p	Identification of marine crabs & oysters	-	ppt	1	yes	-	-	-	-	-	
Nov	1 <sup>st</sup>	3-7	Seed production, pond	-	-	-	-	-	-	-	-	-	
		2-p	Identification of marine crabs & oysters	-	shown in charts	1	yes	-	-	-	-	-	

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**CURRICULUM LECTURER WISE 2019-2020** 2020-21

ANNUAL CURRICULAR					PLAN (Year)								
NAMR OF THE LECTURER					CLASS :	Semester :			Paper :				
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY				
					Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	
	4 <sup>th</sup>	4-T	pond preparation, Biology of p. monodon	-	-	-	-	-	-	-	-	-	-
		2-P	phytoplankton & zooplankton collection	Impostance of planktons	-	-	-	-	Assignment	1	yes	-	-
	5 <sup>th</sup>	1-9	P. indicus Biology	-	-	-	-	-	-	-	-	-	-
		2-P	phytoplankton & zooplankton collection	-	youtube	1	yes	-	-	-	-	-	-
Dec	1 <sup>st</sup>	3-T	P. vannamei, hatchery nurseries	-	-	-	-	-	-	-	-	-	-
	2 <sup>nd</sup>	2-T	Growth out ponds harvesting of shrimps	-	-	-	-	-	Seminar	1	yes	-	-

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**CURRICULUM LECTURER WISE 2019-2020** ~~2020-21~~

ANNUAL CURRICULAR					PLAN (Year)							
NAMR OF THE LECTURER					CLASS :	Semester :	Paper :		CO- CURRICULAR ACTIVITY			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
		2-P	Identification of live feed organisms for shrimp larvae	-	-	-	-	-	Seminars	1	Yes	-
	3 <sup>rd</sup>	3-T	Nutritional requirements, natural & Artificial feed of shrimp <sup>Culture</sup>	-	youtube	1	Yes	-	-	-	-	-
		2-P	Identification of live-feed for shrimp larvae	-	-	-	-	-	-	-	-	-
	4 <sup>th</sup>	2-T	shrimp diseases	Disease management prawn	-	-	-	-	Quiz	1	Yes	-
		2-P	observation of shrimp larval stages	-	ppt	1	Yes	-	-	-	-	-
	5 <sup>th</sup>	3-T	shrimp diseases	-	-	-	-	-	-	-	-	-

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**CURRICULUM LECTURER WISE 2019-2020 - 2F**

ANNUAL CURRICULAR					PLAN (Year)							
NAMR OF THE LECTURER					CLASS :	Semester :	Paper :					
					CURRICULAR ACTIVITY				CO-CURRICULAR ACTIVITY			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
		2-f	Observation of Shrimp larval stages	-	youtube	1	yes	-	-	-	-	-
Jan	2 <sup>nd</sup>	3-T	Species of crabs	-	-	-	-	-	Assignment	1	yes	-
	5 <sup>th</sup>	2-T	Species of crabs cultured	-	-	-	-	-	-	-	-	-
		2-p	Eye stalk ablation in p. monodon	-	youtube	1	yes	-	-	-	-	-
Feb	1 <sup>st</sup>	3-T	Biology of crabs & culture techniques	-	-	-	-	-	Seminar	1	yes	-
	2 <sup>nd</sup>	3-T	Species of edible oyster	-	-	-	-	-	-	-	-	-

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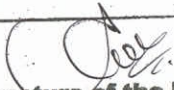
  
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**CURRICULUM LECTURER WISE 2019-2020 -21**

ANNUAL CURRICULAR					PLAN (Year)				shell fish culture FVB			
NAMR OF THE LECTURER					CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date	Activity Conducted	Hours Allotted	Whether Conducted	If not Alternate Date
		2-P	Eye stalk ablation in p. monodon	-	-	-	-		-	-	-	
	3 <sup>rd</sup>	3-T	culture techniques of edible oysters in india.	-	-	-	-		Assignment	1	yes	
	4 <sup>th</sup>	3-T	pearl oyster species	-	shown in charts	1	yes		-	-	-	
mar	1 <sup>st</sup>	3-T	pearl oyster culture	-	youtube	1	yes		-	-	-	
	2 <sup>nd</sup>	3-T	Method of Artificial pearl	-	-	-	-		Seminar	1	yes	
		2-P	production prawn Appendages	Reproduction of prawn	-	-	-		-	-	-	

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