


ANNUAL CURRICULAR					PLAN (Year) - 2019-2020							
NAMR OF THE LECTURER <u>A. KALYANI</u>					CLASS : <u>I B.Sc ZFC</u> Semester : <u>II</u>				Paper : <u>Biology of shell 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
Nov Dec	4 th	7-5T 2P	GC& class of Crustaceans & molluscs upto the lvl of class. Comm. imp of crustaceans & molluscs.		—	—	—		—	—	—	
			Identification of Commercially important shell fishes		—	—	—	Assignment	1	Yes		
	5 th	7-5T 2P	Draw external parts & appendages, exoskeleton & integument. Respi. & circulatory systems of prawns. Structure of gills, mech. of respiration.		Youtube	1	Yes	—	—	—		
			Induced maturation technique in shrimp.		—	—	—	Assignment	1	Yes		
Dec	1 st	7-5T 2P	Nervous & Excretory sys of Crustacean molluscs. Sense Organs in Crustaceans & molluscs.		—	—	—	—	—	—		
			Study of diff larval stages of shrimp		PPT	1	Yes		—	—		
	2 nd	6-4T 2P	Natural food, feeding habits, feeding intensity, utilization of food, gut content analysis. Digestive sys of shrimp, crab & molluscs.		—	—	—	Seminar.	1	Yes		
			Draw parts & appendages of cultivable prawns, shrimp and other crustaceans.		Youtube	1	Yes	—	—	—		
	3 rd	6-4T 2P	Mid Exams Integument & exoskeleton of Crustaceans, their structure & functions.		—	—	—	—	—	—		

Signature of the Lecturer

A. Kalyani

Signature of the HOD



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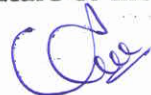


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	4 th	4-2P 2P	Induced maturation in shrimp - induced maturation tech physiological changes after induced maturation.		-	-	-	-	-	-	-	-	-
			Study of eggs of shrimps, prawns and other crustaceans.		Youtube	1	Yes	-	-	-	-	-	-
	5 th	3-1T 2P	Breeding in Oysters & Mussels, Clams.		-	-	-	Assignment	1	Yes	-	-	-
			Observations of Molluscan larva.		PPT	1	Yes	-	-	-	-	-	-
Jan	1 st	4-4T	Breeding of Pearl Oyster, Pila, Fresh water Mussel & Cephalopods. Reproductive organs in Shrimp. Life cycle of Shrimp		-	-	-	-	-	-	-	-	-
	2 nd	5-4T 2P	Embryonic & larval devpt of Shrimp, Crab & Molluscus. Ennign metal factors repd. & devpt of cultivable shell fish.		-	-	-	Seminar	1	Yes	-	-	-
			study of visceral organs of fresh water mussels.		PPT	1	Yes	-	-	-	-	-	-
	3 rd		Pongal Holidays		-	-	-	-	-	-	-	-	-
	4 th	7-5T 2P	Endocrine sys of prawn & Crab, Oyster. Neurosecretary cells.		Youtube	1	Yes	Assignment	1	Yes	-	-	-

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			Demonstration of Digestive system of Pila.		—	—	—		—	—		
	5 th	7-5T 2P	Androgenic gland, ovary, cuticle.		PPT	1	Yes		—	—		
			Moulting, Moulting stages, Metamorphosis in Crustaceans.		—	—	—		Assignment	1	Yes	

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NAME OF THE LECTURER: <u>M. Sandhya</u>					CLASS : <u>II ZFC</u>			Semester : <u>IV</u>		Paper : <u>Fisheries [capture fisheries]</u>			
MONTH	WEEK	HOURS AVAILABLE	SYLLABUS/ TOPIC	Additional Input/Value Addition Provided/ Taught	CURRICULAR ACTIVITY				CO- CURRICULAR ACTIVITY				
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NOVem-ber	2	2th+2p 4	III: Introduction class & syllabus capture fisheries		—	—	—	—	—	—	—	—	—
	3	5th+2p 7	III: Traditional crafts employed Marine & Inland fisheries		PPT	1	Yes	—	—	—	—	—	—
	4	5th+2p 7	Costacle, Dhoni, canoes, catamaran, Masula FRP types of boats.		—	—	—	Seminar	1	Yes	—	—	—
	5	5th+2p 7	Techniques, Trawlers BLC, Mechanised fishing crafts		Youtube	1	Yes	—	—	—	—	—	—
Decem-ber	1	5th+2p 7	IV: Traditional gear: Identification of Marine, Inland Fish		—	—	—	—	—	—	—	—	—
	2	4th+2p 6	Marine fishing gears: cast nets, gill nets, seines, Drag, Trawl, etc.		—	—	—	Quiz	1	Yes	—	—	—
	3	5th+2p 7	Fish Finding Equipment [Echo sounder & Sonar]		PPT	1	Yes	—	—	—	—	—	—
	4	4th 4	Inland Fishing Gears		—	—	—	—	—	—	—	—	—
	5	2th 2	Techniques, Maintenance of the gear		—	—	—	Assignment	1	Yes	—	—	—

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Jan	1	3Th+2p 5	I. Definition of estuary theory Origin & classification Hoghly - Matlah, Mahana		-	-	-	-	-	-	-	-	-
	2	4Th+2p 6	riverbent estuaries in India, location & Sps composition		-	-	-	seminar	1	Yes	-	-	-
			Godavari estuary, Krishna estuary		charts	1	Yes	-	-	-	-	-	-
			principle of conservation & Management		-	-	-	-	-	-	-	-	-
	3		OSY, MSY, MEY. Pongal Holidays		-	-	-	-	-	-	-	-	-
	4	5Th+2p 7	P:- Identification of Marine & Estuarine water fishes.		PPT	1	Yes	Quiz	1	Yes	-	-	-
			Marine envt, Marine fishery resources India, Plagic fishery Resources.		-	-	-	-	-	-	-	-	-
			Taxonomy, General description, distribution, food & feeding habits, Reproduction, Crafts & gear		Youtube	1	Yes	Assignment	1	Yes	-	-	-
			- Sof the following Sardines Mullett, etc.		-	-	-	-	-	-	-	-	-

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