



GOVERNMENT DEGREE COLLEGE

TEKKALI

DEPARTMENT OF ZOOLOGY



CERTIFICATE COURSE

ON

IDENTIFICATION, MORPHOLOGY & PATHOLOGY OF PRAWN



GOVERNMENT DEGREE COLLEGE, TEKKALI

REQUISITION FOR THE APPROVAL OF CERTIFICATE COURSE

1. Department : Department of Zoology
2. Title of Certificate Course : Identification, Morphology,
Culture & Pathology of Prawn
3. Name of the Course Coordinator : NHK Janardhana Rao
4. Course Code : ZOO – IPCP - 03
5. Objectives of the Course :
 - Srikakulam dist. extreme north east district of Andhra Pradesh situated within the geographic coordinated of 18 – 20 and 19 – 10 of northern latitude and 83-50 and 84-50 of eastern longitude
 - At present the district has 10 aqua culture units and proposal for establishment 85 new units are pending
 - Srikakulam district the coastal areas in the districts will became aqua culture hub in future and preparing proposal for aqua culture units
 - The main purpose of the course is to provide livelihood for the students in fishery.
6. Outcomes of the Course :
 - The state Andhra Pradesh in a view of its phenomenal contribution to local food security and poverty alleviation and the provision

of live hoods in the field of
fishery and aqua culture

- It is helpful in getting financial individuality of the students it is helpful in developing entrepreneur skills among students
- The course importance mainly identification, morphology culture and pathology of prawn

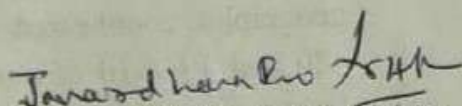
7. Duration of the Course

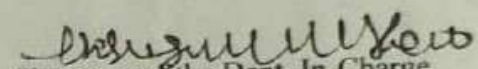
:30hours

8. Date of Commencement of the Course:

9. Course Fee

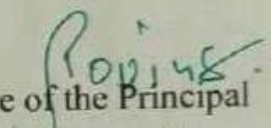
:1500/-


Signature of the Course Coordinator


Signature of the Dept. In-Charge

Principal's Remarks

Approved :


Signature of the Principal
PRINCIPAL
Govt. Degree College
TEKKALI-532 203

GOVT.DEGREE COLLEGE, TEKKALI

Certificate course on *Identification, morphology, culture & pathology of prawn*
 Registered Students

	Name of the Student	Class	Signature of the Student
1.	N. Pavani	III CBZ	N. Pavani
2.	B. Dilleswari	III CBZ	B. Dilleswari
3.	G. Revathi	III CBZ	G. Revathi
4.	B. Akhila	III CBZ	B. Akhila
5.	T. Rashmitha	III CBZ	T. Rashmitha
6.	T. Pusphanjali	III CBZ	T. Pusphanjali
7.	J. Suneetha	III CBZ	J. Suneetha
8.	M. Minathi	III CBZ	J. Minathi
9.	P. Bhavani	III CBZ	P. Bhavani
10.	Y. Sandhya	III CBZ	Y. Sandhya
11.	T. Mounika	III CBZ	T. Mounika
12.	S. Kavya	III BHC	S. Kavya
13.	K. Ganesh	III CBZ	K. Ganesh
14.	A. Chandu	III CBZ	A. Chandu
15.	A. Siddhu	I CBZ	A. Siddhu
16.	U. Indukumari	I CBZ	U. Indukumari
17.	I. Harika	I CBZ	I. Harika
18.	P. Pavani	I CBZ	P. Pavani
19.	A. Swathi	I CBZ	A. Swathi

21	T.	Sireesha	1 CBZ	T. Sireesha
22	Y.	Madhuri	1 CBZ	Y. Madhuri
23	R.	Tarangani	1 CBZ	R. Tarangani
24	R.	Dhanalakshmi	1 CBZ	R. Dhanalakshmi
25	K.	Sudhakar Keerthi	1 CBZ	K. Sudhakar Keerthi
26	A.	Uddipa	1 CBZ	A. Uddipa
27	A.	Suryam	1 CBZ	A. Suryam
28	S.	Yadhaigiri	1 CBZ	S. Yadhaigiri
29	Ch.	Pratap	1 CBZ	Ch. Pratap
30	Y.	Madhesh	1 CBZ	Y. Madhesh



GOVERNMENT DEGREE COLLEGE, TEKKALI

(Accredited with NAAC 'B' Grade)

DEPARTMENT OF ZOOLOGY



COURSE CERTIFICATE



This is to Certified that Mr /Ms. _____ of
_____ has successfully completed 30 Hours of Certificate
Course on "*Identification, morphology & pathology of Prawn* "
and scored _____ Grade during the academic year 2023-24 .

Course Coordinator

IQAC Coordinator

PRINCIPAL
Govt. Degree College
TEKKALI - 532 201

Principal

Identification, Pathology & Control of Plant Diseases

Department of Zoology

[illegible]

[illegible]

GOVERNMENT DEGREE COLLEGE ,TEKKALI

DEPARTMENT OF ZOOLOGY

CERTIFICATE COURSE SYLLABUS

TITLE OF THE PAPER- IDENTIFICATION ,MORPHOLOGY,CULTURE AND
PATHOLOGY OF PRAWN

UNIT -1 IDENTIFICATION AND MORPHOLOGICAL CHARACTERS OF PRAWN {SHELL FISH}

- 1.1- MORPHOLOGICAL CHARACTERS OF PRAWN.
- 1.2- IDENTIFICATION OF PENAEIDS AND NON PENAEIDS.
- 1.3- SIGNIFICANCE OF INDIAN COSTAL PRAWNS.
- 1.4- IDENTIFICATION CHARACTERS OF COMMON CRABS.
- 1.5- MORPHOLOGY OF MOLLUSCANS.

UNIT-2 TYPES OF COSTAL AQUA SHELL FISH CULTURE .

- 2.1 FRESH WATER PRAWN CULTURE.
- 2.2 COSTAL BRACKISH WATER PRAWN CULTURE.
- 2.3 DEVELOPMENT STAGES OF PENAEID PRAWN.
- 2.4 DISEASES OF SHELL FISH.

GOVERNMENT DEGREE COLLEGE ,TEKKALI

DEPARTMENT OF ZOOLOGY

CERTIFICATE COURSE EXAMINATION QUESTION PAPER

TITLE OF THE PAPER- IDENTIFICATION ,MORPHOLOGY,CULTURE
AND PATHOLOGY OF PRAWN MAX MARKS-50

1. Write a note on economic importance and current status of shellfish in worldwide? 1x10=10 marks
2. Describe various methods of fresh water prawn culture in india? 1x10=10 marks
3. Identify the given spotters and slides {A,B,C,D}draw a neat labeled diagram and comment on it 4x5=20 marks
4. Record and viva 1x5=5 marks
5. Field visit report 1x5=5 marks

GOVERNMENT DEGREE COLLEGE ,TEKKALI

DEPARTMENT OF ZOOLOGY

CERTIFICATE COURSE STUDENT'S FEEDBACK

TITLE OF THE PAPER- IDENTIFICATION ,MORPHOLOGY,CULTURE AND
PATHOLOGY OF PRAWN

- | | |
|--|-------------------------------|
| 1. There is a scope to join in certificate course? | Strongly agree/agree/disagree |
| 2. Useful to gain self confidence? | Strongly agree/agree/disagree |
| 3. This course enhanced your knowledge? | Strongly agree/agree/disagree |
| 4. This course helped to understand the need of aquaculture practices? | Strongly agree/agree/disagree |
| 5. This course may help in job opportunities in aquaculture sector? | Strongly agree/agree/disagree |

GOVERNMENT DEGREE COLLEGE ,TEKKALI

DEPARTMENT OF ZOOLOGY

CERTIFICATE COURSE STUDENT'S FEEDBACK ANALYSIS

TITLE OF THE PAPER- IDENTIFICATION
,MORPHOLOGY,CULTURE AND PATHOLOGY OF PRAWN

Total no. of students : 30

S.no	Question/Statement	Strongly Agree	Agree	Disagree	Total
1	There is a scope to join in certificate course?	16	14	-	30
2	Useful to gain self confidence?	18	12	-	30
3	This course enhanced your knowledge?	20	10	-	30
4	This course helped to understand the need of aquaculture practices?	19	11	-	30
5	This course may help in job opportunities in aquaculture sector?	22	8	-	30
	Total	95	55		150
	Percentage	63.33%	36.66%		100

