

GOVERNMENT DEGREE COLLEGE

(NAAC Accredited at 'B' Level)

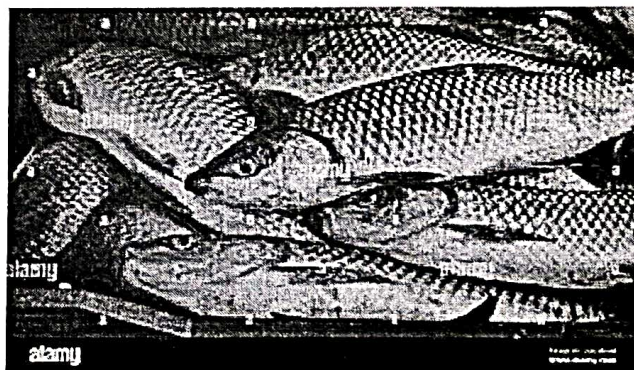
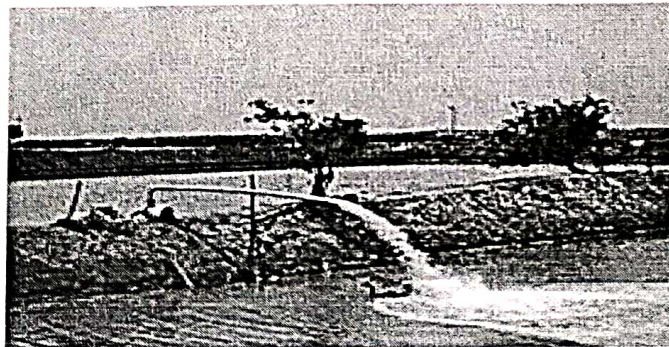
Razole-533 242, EAST GODAVARI DISTRICT (A.P)

Department of Zoology

2020-21



Certificate Course on "AQUACULTURE"



GOVERNMENT DEGREE COLLEGE , RAZOLE

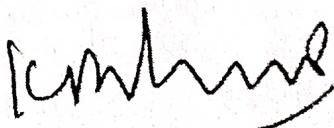
Department of zoology

NOTICE

The Department of Zoology is happy to inform you that a Certificate Course in 'Aquaculture' will be started from 11-11-2020 to 30-12-2020 . This is open to all the students of this College , those who are interested to join in this course may contact Smt. M.Sailaja . Head of the Department for further details .

M. Sailaja
Course Director
LECTURER IN ZOOLOGY
Government Degree College,
RAZOLE

G. Rekha
Course Convener
LECTURER IN ZOOLOGY
Government Degree College,
RAZOLE


PRINCIPAL
PRINCIPAL
Government Degree College,
RAZOLE - E.G.D.I.

Sl. No	Regd. No	Name	Signature
	181077110036	A. Madhuri	A. Madhuri
	181077110037	A. Sireesha	A. Sireesha
	181077110038	B. Naga lakshmi	B. Naga lakshmi
	181077110039	C. Bhavani prasad	C. Bhavani Prasad
	181077110040	C. Revathi	C. Revathi
	181077110041	C. Navya	C. Navya
	181077110042	C. Syambabu	C. Syambabu
	181077110043	D. Nagamalli	D. Naga malli
	181077110044	D. Nagavalli	D. Naga valli
	181077110045	Bala Satya Vani	B. Satya vani
	181077110046	G. Devendra Vamsi	G. D. Vamsi
	181077110047	K. Lakshmi Narasimha	K. lakshmi narasimha
	181077110048	K. Baby	K. baby
	181077110049	L. prasanthi	L. prasanthi

181077110050

M. Devi kalyani M. D. Kalyani

G. Reekha
ConvenerM. Kailash
Course Director
LECTURER IN ZOOLOGY
Government Degree College
MAZULI

Government Degree College, Razole
Department of zoology

Syllabus 2020-21

Certificate course in Aquaculture

Total Periods:45

Unit –I

1.1 Introduction and Significance of Aquaculture	2
1.2 History of Aquaculture	1
1.3 Present status of Aquaculture	2
1.4 Major Cultivable Species (fresh water, brackish and Marine)	6

Unit –II

2.1 Types of Aquaculture	2
2.2 Principles and Methods of Preservation	6
2.3 Fish Products and By-Products	4
2.4 Hatchery Management	3
2.5 Fish and Shrimp Diseases	4

Unit- III

3.1 Prawn Culture	3
3.2 Shrimp Culture	3
3.3 Ornamental Fish Culture	3
3.4 Oyester Culture	3
3.5 Sea Weed Culture	3

G. Reekha
Convener

M. Sailaja
Course Director
LECTURER IN ZOOLOGY
Government Degree College
RAZOLE

Date	Topic
11-11-20	Introduction of Aquaculture
12-11-20	Significance of Aquaculture
13-11-20	History of Aquaculture
14-11-20	Present Status of Aquaculture in global level
16-11-20	Present Status of Aquaculture in india
17-11-20	Freshwater cultivable species
19-11-20	carp culture
21-11-20	Major carps
23-11-20	Murrels
24-11-20	cat fishes
26-11-20	Brackish water cultivable species
29-11-20	Marine water cultivable species
29-11-20	Types of Aquaculture
30-11-20	Principles of Preservation
1-12-20	Principles of Preservation
2-12-20	Methods of Preservation
3-12-20	Fish products
6-12-20	Fish Products
7-12-20	Fish by products
8-12-20	Fish by products
11-12-20	Hatchery design

12 - 12 - 20	Hatchery Management
13 - 12 - 20	Bacterial diseases
14 - 12 - 20	Hatchery design
15 - 12 - 20	Viral diseases
16 - 12 - 20	Fungal diseases
17 - 12 - 20	Prawn culture
18 - 12 - 20	shrimp culture
19 - 12 - 20	ornamental fish culture
20 - 12 - 20	Oyster culture
21 - 12 - 20	Sea weed culture
22 - 12 - 20	Revision
23 - 12 - 20	Revision
24 - 12 - 20	Revision
25 - 12 - 20	Assignment
26 - 12 - 20	Assignment
27 - 12 - 20	Assignment
28 - 12 - 20	Assignment
29 - 12 - 20	Examination
30 - 12 - 20	Certificate Presentation

G. Ruchy
Convener

H. Kailash
Course Director
LECTURER IN ZOOLOGY
Government Degree College

Attendance

-11-20	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
-11-20	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
-11-20	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P
-11-20	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
-11-20	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
-11-20	P	P	P	P	P	A	P	P	P	P	P	A	P	P	P
-11-20	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
-11-20	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
3-11-20	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
-11-20	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
-11-20	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
-11-20	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
-11-20	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A
-11-20	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
-12-20	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P
-12-20	A	P	P	P	P	P	P	A	P	P	P	P	P	P	A
-12-20	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
-12-20	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
-12-20	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
-12-20	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
-12-20	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
-12-20	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P
-12-20	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
-12-20	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
-12-20	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A

12-20	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P
12-20	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
12-20	A	P	P	P	P	P	P	P	P	P	P	P	P	A	P
12-20	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
12-20	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
12-20	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P
12-20	P	P	P	P	P	P	P	P	A	P	P	P	P	P	A
12-20	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
12-20	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
12-20	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
12-20	P	P	P	P	P	A	P	P	P	P	P	P	P	A	P
12-20	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P
12-20	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12-20	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
12-20	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P
	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P
	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
	P	P	P	P	P	P	P	A	P	P	P	P	P	P	A
	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P

G. Rekha
Convener

M. Sailaja
Course Director
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Government Degree College
RAZOL

GOVERNMENT DEGREE COLLEGE RAZOLE

DEPARTMENT OF ZOOLOGY

CERTIFICATE COURSE ON AQUACULTURE

QUESTION PAPER -2020-2021

Marks :50

Max time: 2 hrs

WRITE ALL THE QUESTIONS

3x10=30M

1. What is the Mari Culture?
2. Write an essay on Viral Diseases in Fish?
3. Oyester Culture.

WRITE A SHORT NOTES ON

4x5=20M

1. Murrels.
2. Fish Products.
3. Hatchery Management.
4. Prawn Culture.

Course Convenor

Course Director

G. Resha
Convenor

M. hailaja
Course Director
LECTURER IN ZOOLOGY
Government Degree College
RAZOLE

Name	Max. Marks	Marks obtained
A. Madhuri	50	48
A. Sireesha	50	47
B. Naga Lakshmi	50	47
C. Bhavani prasad	50	45
C. Revathi	50	46
C. Navya	50	46
C. Syam babu	50	45
D. Nagamalli	50	46
D. Nagavalli	50	46
Bala Satya Vani	50	45
G. Devendra Vamsi	50	45
H. Lakshmi Narasimha	50	45
K. Baby	50	49
L. prasanthi	50	48

M. Devi kalyani

48

G. Rekha
Convener

M. Sailaja
Course Director
LECTURER IN ZOOLOGY
Government Degree College
BAZOLE



GOVERNMENT DEGREE COLLEGE

RAZOLE, Dr B R AMBEDKAR KONASEEMA (Dist), A.P-533242

NAAC Re-Accredited with 'B' Grade



Affiliated To Adikavi Nannaya University

Certificate course on 'Aquaculture'

Certificate of Participation

This is to certify that Kum. N, REKHA IIIrd CBZ, of Government Degree College Razole has Participated in certificate course on " 'Aquaculture' Organized by Department of Zoology from 11.11.2020 to 30.12.2020.

M. Sailaja

HOD Of Zoology

P.P. Chandra

IQAC COORDINATER

K. Srinivas

PRINCIPAL