

GOVERNMENT DEGREE COLLEGE

(NAAC Accredited at 'B' Level)

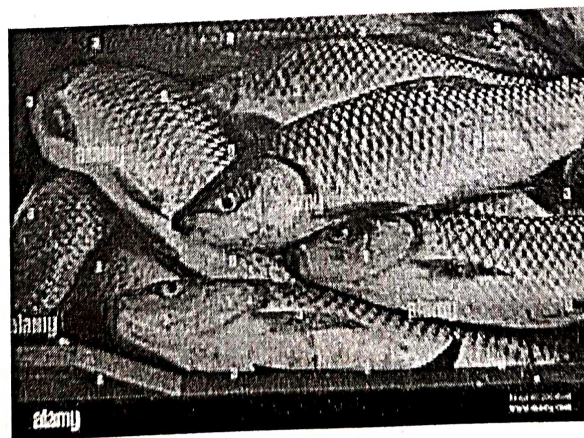
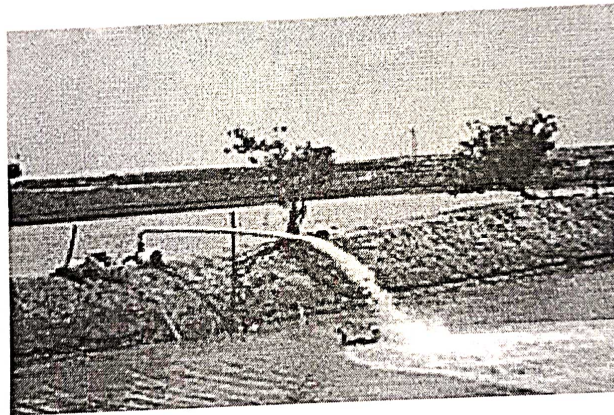
Razole-533 242, EAST GODAVARI DISTRICT (A.P)

Department of Zoology

2018-19



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 11-11-2018 to 30-12-2018 . 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

N. Venkateswara Rao

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

NO	Regd. No	Name	Signature
1.	161077110046	BAYYA SWARNA	B. Swarna
2.	161077110047	CHUTTUGULLA SOWJANYA	C. Sowjanya
3.	161077110048	GEDDAM MANASA	G. Manasa
4.	161077110049	GUBBALA SRAVANI	G. Sravani
5.	161077110053	JALLI JYOTHI	J. jyothi
6.	161077110056	KANURI PRAVALLIKA	K. Pravallika
7.	161077110057	MOKA VINEETHA	M. Vineetha
8.	161077110058	NAMAVARAPU KEERTHI	N. Keerthi
9.	161077110060	PAMMI SIREESHA	P. Sireesha
10.	161077110061	PAMPAMA KALYANI	P. Kalyani
11.	161077110062	PATNALA NARESH	P. Nareesh
12.	161077110068	SARILLA GAYATHRI	S. Gayathri
13.	161077110069	SEELAM THANSI DURGA	S.T. Durga
14.	161077110070	THOKALA KISHORE KUMAR	T. Kishore Kumar
15.	161077110071	VASAMSETTI PARVATHI	V. parvathi

G. Rekha
Convener

M. Lailaja
Coordinator
Government Degree College,
RAZULU

Government Degree College, Razole
Department of zoology

Syllabus 2018-19

Certificate course in Aquaculture

Unit –I

Total Periods:45

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. Rekha
convenor

H. Sailaja
Course Director
LECTURER IN ZOOLOGY
Government Degree College
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Date	Topics
1-11-2018	Introduction of aquaculture
2-11-2018	Significance of aquaculture
5-11-2018	history of aquaculture
7-11-2018	present status of aquaculture in global level
8-11-2018	present status of aquaculture in India
9-11-2018	Fresh water cultivable species
10-11-2018	Carp culture
13-11-2018	Major carps
14-11-2018	Murrels
16-11-2018	Cat fishes
19-11-2018	Brackish water cultivable species
20-11-2018	Marine water cultivable species
21-11-2018	types of aquaculture
22-11-2018	principles of preservation
23-11-2018	principles of preservation
24-11-2018	Methods of preservation
25-11-2018	Fish products
28-11-2018	Fish products
29-11-2018	Fish byproducts
30-11-2018	Fish by products

1-12-2018	hatchery design
3-12-2018	hatchery Management
4-12-2018	Bacterial diseases
5-12-2018	Viral diseases
6-12-2018	Fungal disease
8-12-2018	prawn Culture
10-12-2018	Shrimp culture
12-12-2018	Ornamental fish culture
13-12-2018	Oyster culture
14-12-2018	Sea weed culture
15-12-2018	Revision
17-12-2018	Revision
18-12-2018	Revision
21-12-2018	Revision
22-12-2018	Assignments
24-12-2018	Assignments
25-12-2018	Assignment
26-12-2018	Assignment
28-12-2018	Examination
31-12-2018	Certificate presentation

Dr. Rekha
Convener

M. Kailash
Course Director
LECTURER IN ZOOLOGY
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[illegible]

2-12-18	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
3-12-18	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
4-12-18	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
5-12-18	A	P	P	P	P	P	P	P	P	P	P	P	P	P		
7-12-18	P	P	P	P	P	P	P	P	P	A	P	P	P	P		
18-12-18	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
21-12-18	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
22-12-18	P	P	A	P	P	P	P	P	P	P	P	P	A	P		
24-12-18	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
25-12-18	P	P	P	P	P	A	P	P	P	P	P	P	P	P		
26-12-18	P	P	A	P	P	P	A	P	P	P	P	P	P	P		
28-12-18	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
31-12-18	P	P	P	A	P	P	P	P	P	P	P	P	P	P		
	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
	P	P	P	P	P	P	P	P	P	P	P	P	P	P		

G. Recha
Convener

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

GOVERNMENT DEGREE COLLEGE RAZOLE

DEPARTMENT OF ZOOLOGY

CERTIFICATE COURSE ON AQUACULTURE

QUESTION PAPER -2018-2019

Marks :50

Max: time 2 hrs

WRITE ALL THE QUESTIONS

3x10=30M

1. What is the History of Aquaculture?
2. Write an essay on Principles of Preservation?
3. Prawn Culture.

WRITE A SHORT NOTES ON

4x5=20M

1. Minor Carps.
2. Brackish water Aquaculture.
3. Viral diseases in Shrimp.
4. Aquarium.

Course Convenor

Course Director

G. Rishu
Convenor

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

Name	Max. Marks	Marks Obtained
BAYYA SWARNA	50	47
CHUTTUMULLA SOUBANYA	50	46
GEDDAM MANASA	50	50
GUBBALA SRAVANI	50	49
GALLI JYOTHI	50	47
KANURI PRAVALLIKA	50	46
MOKA VINEETHA	50	46
NANAVARAPU KEERTHI	50	45
PAMMI SIREESHA	50	48
PAMPANA KALYANI	50	48
PATNALA NARESH	50	45
SARILLA GAYATHRI	50	46
SEELAM JHANSI DURGA	50	45
THOKALA KISHORE KUMAR	50	45
VASAMSETTI PARVATHI	50	46

G. Retha
Coordinator

M. hailaja
Course Director
LECTURER IN ZOOLOGY
Sri Venkateswara Degree College



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. BAYYA SWARNA IIIrd CBZ, of Government Degree College Razole has Participated in certificate course on 'Aquaculture' organized by Department of Zoology from 11.11.2018 to 30.12.2018.

M. Sailaya

HOD Of Zoology

VSN

IQAC COORDINATER

N. Venkateswara Rao

PRINCIPAL