



**S.A.S. GOVERNMENT DEGREE COLLEGE**  
NARAYANAPURAM, WEST GODAVARI DISTRICT-534411  
(AFFILIATED TO ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM)

Phone: 08818 252189, E-mail: [narayananapuram.jkc@gmail.com](mailto:narayananapuram.jkc@gmail.com)



## **DEPARTMENT OF ZOOLOGY**

**CAREER ORIENTED PROGRAM**

**CERTIFICATE COURSE IN**

# **AQUA CULTURE**

**(PRAWN CULTURE )**



Academic Year 2022-23

1. Course Name : AQUA CULTURE

2. Duration : 30 Hours :

3. Level : UG

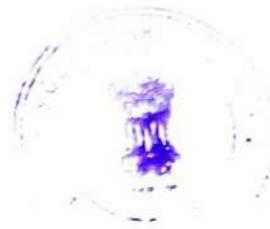
4. Course Type : Scheduled

3. No. of Students Joined : 20

4. Date : 28.11.2022 TO 27.12.2022

5. Time : 9.00 – 10.00

6. Venue : ZOOLOGY LAB



**Certification** : Certificate will be given on the continuous comprehensive of students performance in the learning activity

**SUBJECT RELATED CERTIFICATE COURSE- 2019-20**



The faculty members of the Zoology Department in the principal chamber to discuss and review the conduct of the certificate course titled "AQUA CULTURE" under the chairmanship of the principal and the faculty of the department of Zoology on 28.10.2022

**AGENDA:**

Starting of certificate course for III B.SC (CBZ) students

**RESOLUTIONS:**

- ❖ It is resolved to start the certificate course titled "Department of Zoology" from 28.11.2022 TO 27.12.2022 (30 days) for the academic year 2022-23
- ❖ It is also resolved to frame the syllabus, regulations for the successful completion of the certificate course. Titled "AQUA CULTURE".
- ❖ Enrolled 20 students in this Certificate course.
- ❖ Resolved to conduct classes at 9.00 AM.
- ❖ Resolved to conduct exam after completion of the course and issue certificates to qualified candidates.
- ❖ Qualifying marks in 40 %.

**MEMBERS PRESENT :**

1 S. Ray  
2 SK - Anwesha

  
Signature  
Department of Zoology  
SAS GOVT. DEGREE COLLEGE  
NARAYANA PURAM-534406

PERMISSION LETTER FOR CERTIFICATE COURSE

NARAYANAPURAM,

Dt. 01.11.2022

From  
The In-charge,  
Department of Zoology,  
SAS GDC,  
Narayananapuram.  
To  
The Principal,  
SAS GDC,  
Narayananapuram.

Sir,

Sub: Department of Zoology ,SAS Govt. Degree College, Narayananapuram- Conduct of Certificate course in Aqua Culture (30 hours ) -Accordance of permission -Req.-Reg.

Ref: Minutes of the departmental meeting dated

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Adverting to the subject, I wish to submit to your kindself that the Department of English is planning to conduct a Certificate course in Aqua Culture with 30 hours duration for the students of our college as well as the general public . A resolution was passed to this effect in the Departmental meeting dated 01.11.2022 .Hence I request you to kindly accord permission to conduct the same from onwards after due consultation and approval by the staff council.

Thanking you sir.

Yours faithfully

*Incharge*  
Department of Zoology  
SAS GOVERNMENT DEGREE COLLEGE  
NARAYANAPURAM-534 406

Enclosures

1. A xerox copy of the minutes of Departmental meeting dt.
2. A copy of syllabus
3. Blue print of the Execution of the course

PROCEEDINGS OF THE PRINCIPAL, SAS GOVT. DEGREE COLLEGE, NARAYANAPURAM.

PRESENT: Dr.T.K.VISWESWAR RAO ,M.Sc,M.Phil,B.Ed

RC NO. A/2022.23-1

DATE:02.11.2022

FROM

The Principal,  
SAS GDC,  
Narayananapuram

TO

The In-charge,  
Department of Zoology,  
SAS GDC,  
Narayananapuram.



Sir/Madam,

Sub: SAS Govt. Degree college, Narayananapuram- Conduct of certificate course in  
Aqua Culture – Permission accorded- Reg.

Adverting to the subject, I here by draw the kind attention of the in-charge of department of Zoology of this college ,that a decision was taken in the staff council meeting dated 02.11.2022 after much discussions and deliberation to approve and accord permission for the conduct of a certificate course in Aqua Culture with 30 hours duration for the general public as well as the students of our college from dt.28.11.2022.

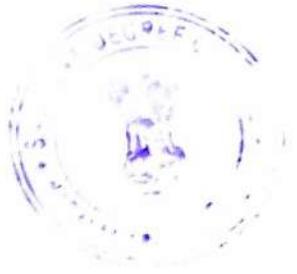
You are further instructed to make all the necessary preparations and arrangements for the commencement of the course on dt.28.11.2022.

  
PRINCIPAL

PRINCIPAL  
SAS GOVT. DEGREE COLLEGE  
NARAYANAPURAM  
West Godavari District.  
Pin: 534 406, Andhra Pradesh

Enclosures

1.A copy of the resolution of the staff council



NOTICE

NARAYANAPURAM

Dt.24.11.2022

All the students of SAS Govt. Degree college, Narayanapuram are hereby informed that the Department of Zoology is intending to conduct a certificate course in Aqua Culture from 28.11.2022 onwards. The required permission from the honourable Principal of the college has been obtained. Hence the students who are interested in enrolling themselves for the course may please contact the in-charge of the department for further details on or before dt.28.11.2022.

Initials of the Principal

PRINCIPAL  
SAS GOVT. DEGREE COLLEGE  
NARAYANAPURAM  
West Godavari District.  
Pin: 534 406, Andhra Pradesh

In-charge of the dept.

Department of Zoology  
SAS GOVERNMENT DEGREE COLLEGE  
NARAYANAPURAM-534 406

**SAS GOVERNMENT DEGREE COLLEGE, NARAYANAPURAM**  
**Eluru District, Andhra Pradesh-534406**  
**DEPARTMENT OF ZOOLOGY**



**Enrolled students list**

S.NO	Regd No	CLASS	NAMAE OF THE STUDENT
1	203557110014	III B.SC (CBZ)	A.GAYATHRI
2	203557110015	III B.SC (CBZ)	B.KALYANI
3	203557110016	III B.SC (CBZ)	B.DEVI PRASANNA
4	203557110017	III B.SC (CBZ)	CH.LIKITHA
5	203557110019	III B.SC (CBZ)	CH.DEVI MADHAVI
6	203557110020	III B.SC (CBZ)	CH.ALEKHYA
7	203557110021	III B.SC (CBZ)	D.DEVI SRI BALA
8	203557110024	III B.SC (CBZ)	E.VIJAYA BABU
9	203557110025	III B.SC (CBZ)	G.RAVI KUMAR
10	203557110026	III B.SC (CBZ)	G,SWATHI
11	203557110027	III B.SC (CBZ)	G.KARUNA TULASI
12	203557110029	III B.SC (CBZ)	K.SUSHMA
13	203557110030	III B.SC (CBZ)	L.SARISHMA RANI
14	203557110031	III B.SC (CBZ)	M.BHANU PRAKASH

15	203557110032	III B.SC (CBZ)	M.GAYATRI SAI
16	203557110033	III B.SC (CBZ)	M.PRAKASH
17	203557110034	III B.SC (CBZ)	M.TEJA RANI
18	203557110035	III B.SC (CBZ)	SK.RIZVANA
19	203557110036	III B.SC (CBZ)	SK.NASEREEN
20	203557110037	III B.SC (CBZ)	T.GIRISHAMA

Dept of HOD *[Signature]*  
 Department of Zoology  
 SAS GOVT. DEGREE COLLEGE  
 NARAYANAPURAM-534 406

*Tel*  
 PRINCIPAL  
 PRINCIPAL  
 SAS GOVT. DEGREE COLLEGE  
 NARAYANAPURAM  
 West Godavari District.  
 Pin: 534 406, Andhra Pradesh



## Programme overview

The programme is intended to provide basic knowledge and technical skills in the areas of Prawn Culture. The programme also aims to develop human resource in the area of Prawn Culture. The knowledge imparted shall facilitate better management of Prawn Culture Farming work in scientific lines which in turn will improve their productivity and increase their revenue.

### About the Programme:

Nowadays everyone is thinking of some business planning for income. Prawn Culture is a convenient and competitive business. A large number of persons in India practice Prawn Culture farming as a secondary business (after agriculture).

The course is designed to acquaint with the status and perspective of Prawn Culture Industry and advantages of Prawn Culture. Objectives: The main objective of the programme is intended to:

1. Develop and strengthen Human Resource by imparting knowledge and skill in Prawn Culture
2. Create awareness about the opportunities of employment and livelihood in Prawn Culture sector; and
3. Impart basic knowledge and technical proficiency in Prawn breeding, housing, management and nutrition.

### Programme Structure :-

Module 1: Introduction to Prawn Culture Practice

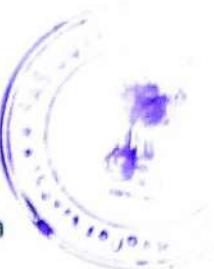
Module 2: Culture Management

Module 3: Prawn Feeds and Feeding

Module 4: Prawn Health Care and Bio-security Measures Module

### Job Opportunities:

1. Skilled labour in Fish Farming, Self-Employment and Entrepreneurial opportunity.



## Pattern of marks distribution for Theory Exam

Time-03 Hrs.

Marks-100

Q-1.....	20 Marks
Q-2.....	20 Marks
Q-3.....	20 Marks
Q-4.....	20 Marks
Q-5.....	20 Marks

## Marks distribution for practical exam

Time-3 hrs

50 Marks

Q-1 Spotting (1to05) .....	15Marks
Q-2 Dissection.....	15 Marks
Q-3 Permanent micropreparation.....	08 Marks
Q-4 Class Record.....	06 Marks
Q-5 Viva-voice.....	06

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**(Affiliated to Adikavi Nannaya University, Rajamahendravaram, A.P.)**



Department of Zoology, 2022-23

**Certificate course on Aqua Culture - Student Attendance Register**

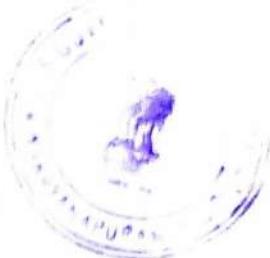
S. NO	Regd No	Name of the Student	Attendance Days														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	203557110014	A.GAYATHRI	p	p	p	p	p	p	p	p	p	p	P	p	p	p	p
2	203557110015	B.KALYANI	p	p	p	p	p	p	p	p	p	p	P	p	p	p	p
3	203557110016	B.DEVI PRASANNA	p	p	p	p	p	p	p	p	p	p	P	p	p	p	p
4	203557110017	CH.LIKITHA	p	p	p	p	p	p	p	p	p	p	P	p	p	p	p
5	203557110019	CH.DEVI MADHAVI	p	p	p	p	p	p	p	p	p	p	P	p	p	p	p
6	203557110020	CH.ALEKHYA	p	p	p	p	p	p	p	p	p	p	P	p	p	p	p
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8	203557110024	E.VIJAYA BABU	p	p	p	p	p	p	p	p	p	p	P	p	p	p	p
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17	203557110034	M.TEJA RANI	p p p p p p p p p p p p p p
18	203557110035	SK.RIZVANA	p p p p p p p p p p p p p p
19	203557110036	SK.NASEREEN	p p p p p p p p p p p p p p
20	203557110037	T.GIRISHAMA	p p p p p p p p p p p p p p



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**Department of Zoology, 2022-23**

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1	203557110014	A.GAYATHRI	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p
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20 203557110037	T.GIRISHAMA	



SRI ARAVINDA SATHAJAYANTHI GOVERNMENT DEGREE COLLEGE

NARAYANAPURAM, ELURU DISTRICT, ANDHRA PRADESH



### CERTIFICATE OF COMPLETION

This is to certify that Mr/Ms..... T. Gainthma.....  
of..... B.C.B..... class has successfully completed certificate course in..... Agri. Culture.....  
.....(30 hours) conducted from 28.11.2020 To 27.12.2020 by Department of Zoology.

  
Ravi  
IQAS  
Co-ordinator

Teaching  
Principal

**SAS GOVT. DEGREE COLLEGE  
NARAYANA PURAM  
West Godavari District.  
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