

IDEAL COLLEGE OF ARTS AND SCIENCES  
(AUTONOMOUS & NAAC B)

VIDYUTHNAGAR, KAKINADA  
DEPARTMENT OF FISHERIES AND AQUACULTURE

Date: 05.11.2023

BOARD OF STUDIES FOR B.VOC. COMMERCIAL AQUACULTURE FOR THE  
YEAR 2023-2024

A meeting of Board of studies of the Department of Fisheries and Aquaculture will be held on 07.11.2023 at 11.00 A.M in Ideal College of Arts and Sciences (Autonomous), Vidyutnagar, Kakinada, to consider the following Agenda.

You are cordially invited to attend the meeting and make it a success.

Agenda:

- 1.To ratify the syllabus for the second year and Third year ( III, IV & V Semesters).
- 2.To prepare and ratify scheme of Examinations for both internal and external examinations.
- 3.Model Question paper for Second year and Third Year.
- 4.To fix Panel of paper setters and Examiners.
- 5.To approve the syllabus, model question paper for interdisciplinary programme ornamental fisheries.
- 6.To approve the syllabus for skill development course personality development and leadership.
- 7.Additional inputs into the curriculum and up gradation of syllabus incorporate the Apprenticeship.
- 8.Other academic activities of Department.

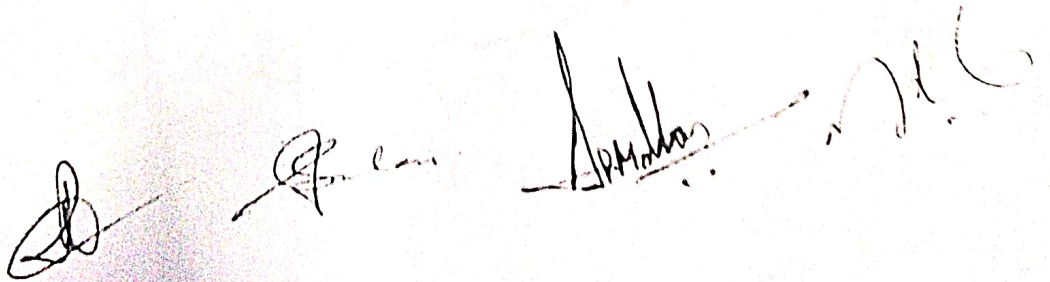
*T. Subramanyam*  
PRINCIPAL  
Ideal College of Arts and Sciences (A)  
KAKINADA

IDEAL COLLEGE OF ARTS AND SCIENCES  
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A.Y.2023-2024  
DEPARTMENT OF FISHERIES AND AQUACULTURE  
B.VOC., Commercial Aquaculture

Resolutions:

1. Resolved to follow the following pattern for Examinations.
  - a) The syllabus is divided in to two semesters each paper has 40% internal and 60% External for III, IV Semester And ,30% internal and 70% external for V semester (Second Year & Third Year).
  - b) During each semester two internal Examinations for each paper will be conducted as per schedule in descriptive mode.
  - c) No internal examination/semester examination will be conducted separately for the absentees.
  - d) Average of the two internal Examinations will be considered. Absentee will be awarded zero marks.
  - e) The minimum pass mark for external examination is 35%, Candidate should get a total of 40 marks in internal and external examination put together.
  - f) The pattern of semester examinations and practical III, IV & V is herewith appended.
  - g) Practical examination will be conducted at each Semester end.
2. Resolved to approve the model question papers for III, IV & V semesters are here with appended.
3. Resolved to approve the panel of paper setter and examiners as appended herewith.
4. Additional inputs into the curriculum and up gradation of syllabus will be incorporated the OJT (On Job Training) and Project Work.
5. Resolved to introduce fishing methods paper in the place of Fish Seed Production in second semester.
6. Resolved to introduce fish seed production paper in the place of fishing methods in third semester.
7. Resolved to introduce elective paper livestock management in V semester zoology
8. First semester and Third semester followed as per APSCHE syllabus .





IDEAL COLLEGE OF ARTS AND SCIENCES  
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Bachelor of Vocation: Commercial Aquaculture  
Course structure and syllabus; 2023-2024  
Admitted Batch II Year, Semester III

S.No	Course	Total Marks	Mid Sem Exam	Sem End Exam	Teaching Hours	Credits
<b>General Education</b>						
1.	English	100	40	60	4	3
2.	Second language-Telugu	100	40	60	4	3
3.	Life Skill Course-1	50	-	50	2	2
4.	Life Skill Course-2	50	-	50	2	2
5.	Skill Development Course	50	-	50	2	2
<b>Skill Education</b>						
1	Zoology (Cell biology, Genetics, Molecular Biology & Evolution)	100	40	60	4	4
2	Lab Practical	50	-	50	2	1
3	Capture fisheries	100	40	60	4	4
4	Lab practical	50	-	50	2	1
5	Aquaculture nutrition	100	40	60	4	4
6	Lab Practical	50	-	50	2	1
7	Fish Seed Production (no practical)	100	40	60	4	4
8	OJT	50	-	50	2	1
9	Yoga	-	-	-	-	1
	<b>Total</b>	<b>950</b>			<b>38</b>	<b>33</b>

*[Handwritten signatures and marks]*

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Course structure and syllabus: 2023-2024 Admitted Batch  
B.VOC.COMMERCIAL\_AQUACULTURE  
II Year, IV semester

S. No	Course	Total Marks	Mid Sem Exam	Sem End Exam	Teaching Hours	Credits
<b>Core Papers</b>						
1.	Zoology(Physiology, Cellular Metabolism & Embryology)	100	40	60	4	4
2.	Lab	50	-	50	2	1
3.	Zoology(Immunology & Animal Biotechnology)	100	40	60	4	4
4.	Lab	50	-	50	2	1
5.	Fish Genetics and aquaculture Biotechnology	100	40	60	4	4
6.	Lab-Practical	50	-	50	2	1
7.	Fish Pathology and Fish Immunology	100	40	60	4	4
8.	Lab-Practical	50	-	50	2	1
9.	Ornamental fish culture	100	40	60	4	4
10.	Lab	50	-	50	2	1
11.	Larval Nutrition&culture of fish food organisms.(nopractical)	100	40	60	4	4
12.	OJT	50	-	50	2	1
13.	NCC/NSS/Sports/Extra Curricular	-	-	-	-	2
14.	Yoga	-	-	-	-	1
	Total		240	660		
	<b>Grand Total</b>	<b>900</b>			<b>36</b>	<b>33</b>

Second spell between First year and Second Year Apprenticeship: Credits: 4; Mark-100

*[Handwritten signatures and initials]*