

**V.S.M. COLLEGE (AUTONOMOUS)**

**RAMACHANDRAPURAM**

**NAAC Re-accredited with 'B' Grade at 2.69 CGPA**

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)**



**MSC AQUACULTURE**

**COURSE STRUCTURE**

**(W.e.f. admitted batch 2019 –20)**

## V.S.M. COLLEGE (AUTONOMOUS)

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### M.Sc. PROGRAMME - COURSE STRUCTURE IN AQUACULTURE 2021 –22

S. No.	Title of the paper	PaperCode	Instruction hours/week	No. ofCredits	Duration of the examination (hours)	Assessment		Total Marks
						(CIA) Internal	(SEE) External	
<b>SEM - I</b>								
1	<b>Tools and Techniques for Biology</b>	PG1912401	4	4	3	25	75	100
2	<b>Biosystematics, Biodiversity and Evolution</b>	PG1912402	4	4	3	25	75	100
3	<b>Bio molecules</b>	PG1912403	4	4	3	25	75	100
4	<b>Molecular cell Biology</b>	PG1912404	4	4	3	25	75	100
<b>LAB COURSE</b>								
5	<b>Tools and Techniques for Biology- Lab</b>	PG1912401 P	3	2	3	12	38	50
6	<b>Biosystematics, Biodiversity and Evolution -Lab</b>	PG1912402 P	3	2	3	12	38	50
7	<b>Bio molecules -Lab</b>	PG1912403 P	3	2	3	12	38	50
8	<b>Molecular Cell Biology -Lab</b>	PG1912404 P	3	2	3	12	38	50
<b>SEM - II</b>								
1	<b>Biostatistics &amp; Bio-informatics</b>	PG1922405	4	4	3	25	75	100
2	<b>Animal physiology</b>	PG1922406	4	4	3	25	75	100
3	<b>Immunology</b>	PG1922407	4	4	3	25	75	100
4	<b>Molecular Biology</b>	PG1922408	4	2	3	25	75	100
<b>LAB COURSE</b>								
5	<b>Biostatistics &amp; Bio-informatics - Lab</b>	PG1922405 P	3	2	3	12	38	50
6	<b>Animal physiology -Lab</b>	PG1922406 P	3	2	3	12	38	50
7	<b>Immunology- Lab</b>	PG1922407 P	3	2	3	12	38	50
8	<b>Molecular Biology -Lab</b>	PG1922408 P	3	2	3	12	38	50

S. No.	Title of the paper	PaperCode	Instruction hours/week	No. ofCredits	Duration of the examination (hours)	Assessment		Total Mark s
						(CIA) Internal	(SEE) External	
<b>SEM - III</b>								
1	<i>Concepts of Aquatic Ecology</i>	1932609	4	4	3	25	75	100
2	<i>Principles of Aquaculture</i>	1932610	4	4	3	25	75	100
3	<i>Nutrition and Feed Technology</i>	1932611	4	4	3	25	75	100
4	<i>Water Quality Management</i>	193212	4	4	3	25	75	100
<b>LAB COURSE</b>								
5	<i>Concepts of Aquatic Ecology Lab</i>	1932609P	3	2	3	12	38	50
6	<i>Principles of Aquaculture Lab</i>	1932610P	3	2	3	12	38	50
7	<i>Nutrition and Feed Technology Lab</i>	1932611P	3	2	3	12	38	50
8	<i>Water Quality Management Lab</i>	1932612P	3	2	3	12	38	50
<b>SEM - IV</b>								
1	<i>Aquaculture</i>	1932613	4	4	3	25	75	100
2	<i>Fish Processing Technology</i>	1932614	4	4	3	25	75	100
3	<i>Fish Pathology</i>	1932615	4	4	3	25	75	100
4	<i>Aquaculture Biotechnology</i>	1932616	4	2	3	25	75	100
<b>LAB COURSE</b>								
5	<i>Aquaculture Lab</i>	1932613P	3	2	3	12	38	50
6	<i>Fish Processing Technology Lab</i>	1932614P	3	2	3	12	38	50
7	<i>Fish Pathology Lab</i>	1932615P	3	2	3	12	38	50
8	<i>Aquaculture Biotechnology Lab</i>	1932616P	3	2	3	12	38	50
9	<i>Project /Viva Voice</i>	1932617P		4			100	100