

V.S.M. COLLEGE (AUTONOMOUS)

RAMACHANDRAPURAM

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

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)



MSC ZOOLOGY

COURSE STRUCTURE

(W.e.f. admitted batch 2019 –20)

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RAMACHANDRAPURAM.Sc. PROGRAMME - COURSE STRUCTURE

IN ZOOLOGY 2019 -20

S. No.	Title of the paper	Paper Code	Instruction hours/week	No. of Credits	Duration of examination (hours)	Assessment		Total Mark
						(CIA) Internal	(SEE) External	
SEM - I								
1	Tools and Techniques for Biology	PG1912401	4	4	3	25	75	100
2	Biosystematics, Biodiversity and Evolution	PG1912402	4	4	3	25	75	100
3	Bio molecules	PG1912403	4	4	3	25	75	100
4	Molecular cell Biology	PG1912404	4	4	3	25	75	100
LAB COURSE								
5	Tools and Techniques for Biology- Lab	PG1912401 P	3	2	3	12	38	50
6	Biosystematics, Biodiversity and Evolution -Lab	PG191240 2P	3	2	3	12	38	50
7	Bio molecules -Lab	PG191240 3P	3	2	3	12	38	50
8	Molecular Cell Biology -Lab	PG191240 4P	3	2	3	12	38	50
SEM - II								
1	Biostatistics & Bio-informatics	PG1922405	4	4	3	25	75	100
2	Animal physiology	PG1922406	4	4	3	25	75	100
3	Immunology	PG1922407	4	4	3	25	75	100
4	Molecular Biology	PG1922408	4	2	3	25	75	100
LAB COURSE								
5	Biostatistics & Bio-informatics - Lab	PG192240 5P	3	2	3	12	38	50
6	Animal physiology -Lab	PG192240 6P	3	2	3	12	38	50
7	Immunology- Lab	PG192240 7P	3	2	3	12	38	50
8	Molecular Biology -Lab	PG192240 8P	3	2	3	12	38	50

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						<i>(CIA) Internal</i>	<i>(SEE) External</i>	
SEM - III								
1	<i>Applied Zoology</i>	PG1932409	4	4	3	25	75	100
2	<i>Developmental Biology</i>	PG1932410	4	4	3	25	75	100
3	<i>Principles of Ecology</i>	PG1932411	4	4	3	25	75	100
4	<i>Metabolic cell Function & Regulation</i>	PG1932412	4	4	3	25	75	100
LAB COURSE								
5	<i>Applied Zoology Lab</i>	PG1932409 P	3	2	3	12	38	50
6	<i>Developmental Biology Lab</i>	PG193241 0P	3	2	3	12	38	50
7	<i>Principles of Ecology Lab</i>	PG193241 1P	3	2	3	12	38	50
8	<i>Metabolic cell Function & Regulation Lab</i>	PG193241 2P	3	2	3	12	38	50
SEM - IV								
1	<i>Neuro Biology & Animal Behaviour</i>	PG1942413	4	4	3	25	75	100
2	<i>Animal Cell Culture and Stemcell Technology</i>	PG1942414	4	4	3	25	75	100
3	<i>Aquaculture</i>	PG1942415	4	4	3	25	75	100
4	<i>Animal Biotechnology & Bioethics</i>	PG1942416	4	2	3	25	75	100
LAB COURSE								
5	<i>Neuro Biology & Animal Behaviour Lab</i>	PG194241 3P	3	2	3	12	38	50
6	<i>Animal Cell Culture and Stemcell Technology Lab</i>	PG194241 4P	3	2	3	12	38	50
7	<i>Aquaculture Lab</i>	PG194241 5P	3	2	3	12	38	50

	8 <i>Animal Biotechnology & Bioethics Lab</i>	PG194241 6P	3	2	3	12	38	50
9	<i>Comperhensive Seminar/Viva Voice</i>	PG194241 7P		4			100	100