



GOVERNMENT OF KARNATAKA
DEPARTMENT OF COLLEGEIATE EDUCATION



**M.Sc. Zoology Syllabus
From 2018-2019**

M.Sc. DEGREE (SEMESTER) COURSE UNDER CBCS - SCHEME

SCHEME OF TEACHING AND EXAMINATION

(Effective from the academic year 2018-19 and onwards)

**DEPARTMENT OF PG STUDIES AND RESEARCH IN
ZOOLOGY**

**GOVERNMENT COLLEGE
(AUTONOMOUS), KALABURAGI-585 105**

Approved by Academic Council.

[Signature]

PRINCIPAL

Govt. College

Kusnoor Road, GULBARGA-585 105

Government College (Autonomous), Kalaburagi

Course Structure for Master of Science Programmes

Name of the Master Degree: M. Sc. in Zoology

Course Code	Title of the course	Total Credits	Total Hours/Week	Marks Allocation					Total Max. Marks
				Internal		Semester End Exam			
				Max. Marks	Minimum Marks	Duration	Max. Marks	Minimum Marks	
Semester –I									
CCT 1.1	Biosystematics Structure and Function of Non-Chordates	4	4	20	--	3hrs	80	32	100
CCT 1.2	Molecular Cell Biology	4	4	20	--	3hrs	80	32	100
CCT 1.3	Molecular Genetics	4	4	20	--	3hrs	80	32	100
DSET 1.1	a)Biostatistics, Animal Care and Computer Applications or b)Biodiversity	4	4	20	--	3hrs	80	32	100
Practical 1.1		4	8	20	--	4hrs	80	32	100
Practical 1.2		4	8	20	--	4hrs	80	32	100
Total		24							600
Semester –II									
CCT 2.1	Structure and function of Chordates	4	4	20	--	3hrs	80	32	100
CCT 2.2	Developmental Biology	4	4	20	--	3hrs	80	32	100
DSET 2.1	Parasitology or Evolutionary Biology	4	4	20	--	3hrs	80	32	100
GET 2.1	Economic Zoology	4	4	20	--	4hrs	80	32	100
Practical 2.1		4	8	20	--	4hrs	80	32	100
Practical 2.2		4	8	20	--	4hrs	80	32	100
Total		24							600
Semester-III									
CCT 3.1	Biology of Reproduction	4	4	20	--	3hrs	80	32	100
CCT 3.2	Animal physiology	4	4	20	--	3hrs	80	32	100
DSET 3.1	*a)Environmental Biology or *b)Aquatic Biology and Fisheries	4	4	20	--	3hrs	80	32	100

See

GET 3.1	Human Physiology	4	4	20	--	4hrs	80	32	100
Practical 3.1		4	8	20	--	4hrs	80	32	100
Practical 3.2		4	8	20	--	4hrs	80	32	100
Total		24							600
Semester-IV									
CCT4.1	Animal Biotechnology	4	4	20	--	3hrs	80	32	100
CCT4.2	Applied Zoology	4	4	20	--	3hrs	80	32	100
DSET4.1	a) General Endocrinology or b) Animal Behaviour	4	4	20	--	3hrs	80	32	100
Practical 4.1		4	8	20	--	4hrs	80	32	100
Practical 4.2		4	8	20	--	4hrs	80	32	100
CCPR 4.1		6	6	30	--	--	120	48	150
Total		26							650
Total Credits Semester I to IV		98	-	-	-	-	-	-	-
Total Marks Semester I to IV		-	-	-	-	-	-	-	2450

CCT – Core Course Theory, DSET – Discipline Specific Elective Theory

GET- General Elective Theory, CCPR- Core Course Project

get



Details of Course Code and Title of the Paper

PAPER	Title of the Course
Course Code	<u>I SEMESTER</u>
CCT 1.1	Biosystematics Structure and Function of Non-Chordats
CCT 1.2	Molecular Cell Biology
CCT 1.3	Molecular Genetics
DSET 1.1	a) Biostatistics, Animal Care and Computer Applications or b) Biodiversity
Practical 1.1	
Practical 1.2	
	<u>II SEMESTER</u>
CCT 2.1	Structure and function of Chordates
CCT 2.2	Developmental Biology
DSET 2.1	a) Parasitology or b) Evolutionary Biology
GET 2.1	Economic Zoology
Practical 2.1	
Practical 2.2	
	<u>III SEMESTER</u>
CCT 3.1	Biology of Reproduction
CCT 3.2	Animal physiology
DSET 3.1	a) *Environmental Biology or b) *Aquatic Biology and Fisheries
GET 3.1	Human Physiology
Practical 3.1	
Practical 3.2	
	<u>IV SEMESTER</u>
CCT 4.1	Animal Biotechnology
CCT 4.2	Applied Zoology
DSET 4.1	a) General Endocrinology or b) Animal Behaviour
Practical 4.1	
Practical 4.2	
CCPR 4.1	

Set



*** Project Commences from the beginning of III semester-**
CCT – Core Course Theory, DSET – Discipline Specific Elective Theory
GET- General Elective Theory, CCPR- Core Course Project

***Each candidate shall undertake compulsory “Animals in Nature” Study Tour covering different Institutions and natural biomes with a stress on Biodiversity study. The duration of this Tour shall be about one week. The Study Tour shall be undertaken during third Semester only and shall be completed within the two years period.**

gen

