


KANNUR UNIVERSITY

(Abstract)

M.Sc Zoology Programme – under Credit Based Semester System in Affiliated Colleges - Modified Scheme & Syllabus – Implemented with effect from 2016 admission - orders issued.

ACADEMIC C SECTION

U.O.No.Acad/C4/8008/2014

Dated, Civil Station (P.O),03 -01-2017

Read:-1.U.O of even No. dt:18/07/2014

2. Minutes of the meeting of the BOS in Zoology (PG) held on 27/10/2016

ORDER

1.The Scheme , Syllabus & Model question papers for M.Sc Zoology Course under Credit Based Semester System in affiliated colleges were implemented in the university w.e.f. 2014 admission vide paper read (1) above.

2. The meeting of the BOS in Zoology (PG) held on 27/10/2016 vide paper read (2) above recommended to rectify the anomalies/ omissions in the implemented syllabus of M.Sc Zoology to be effected from 2016 admission as follows.

a) In the introduction page of the Syllabus the wordings “ **Students are required to undertake a compulsory study tour and a report of tour has to be presented**” to be incorporated at the end of the second paragraph.

b) In the Scheme of the M.Sc Zoology Programme, the marks for the viva voce(Zoo2C09) at the end of II Semester to be corrected as Internal 5 marks, External 20 marks and credit 1 instead of Internal 10 marks, External 40 marks and credit 2

c) Personal collection related to Elective subject to be incorporated in the Scheme of the IV Semester(Zoo3&4P07) with 5 marks internal, 20 marks external and credit 1.

3. The Vice-Chancellor, after considering the matter in detail, and in exercise of the powers of the Academic Council, conferred under Section 11 (1) of Kannur University Act, 1996 and all other enabling provisions read together with, has accorded sanction to incorporate the wordings “ **Students are required to undertake a compulsory study tour and a report of tour has to be presented**” in the introduction page of the Syllabus and to modify the marks for the viva voce(Zoo2C09) at the end of II Semester as Internal 5 marks, External 20 marks and credit 1 and to incorporate personal collection related to Elective subject in the Scheme of the IV Semester(Zoo3&4P07) with 5 marks as internal, 20 marks external and credit 1 in the Syllabus of the M.Sc Zoology Programme under Credit Based Semester System in affiliated colleges to be implemented w.e.f. 2016 admission, subject to report to the Academic Council.

(P.T.O)

4. Orders are, therefore, issued accordingly.

5. The modified pages of the Scheme & Syllabus are appended.

Sd/-
JOINT REGISTRAR (ACADEMIC)
For REGISTRAR

To:

The Principals of Colleges offering M.Sc Zoology Programme.

Copy to:

1. The Examination Branch (through PA to CE)
2. The Chairman, BOS in Zoology(PG)
3. PS to VC/PA to PVC
4. PA to Registrar/PA to CE.
5. JR/AR-I (Academic).
6. Computer Programmer (for uploading in the website)
7. SF/DF/FC



Forwarded /By Order

SECTION OFFICER

- *For more details log on to [www. Kannur university.ac.in](http://www.Kannur.university.ac.in)*

POST GRADUATE PROGRAMME IN ZOOLOGY

Introduction

The syllabi of M.Sc. programme in Zoology offered in the affiliated colleges of the university under semester system has been revised in the light of the decision of the Board of studies meeting in zoology (PG). The grading system of evaluation was introduced in Kannur University at the under graduate level during the academic year 2008-09. This was followed by the implementation of Choice Based Credit Semester System in 2009-10. In continuation to the academic reforms at the undergraduate level, **Credit Based Semester System** is being introduced at the Postgraduate level with effect from 2014-'15, restructuring the entire M.S Zoology programme.. The revised syllabi are to be effective from 2014 admission onwards. In the revised curriculum, M.Sc. Zoology programme has 11 core theory courses, 3 elective theory courses and 6 practical courses, and one dissertation/project course. The total marks for the entire course shall be 1500 and total credit for the entire course shall be 80. 20% of marks shall be allocated for internal assessment of theory and practical papers each.

While framing the courses, due meaning has been given to the thrust areas in Zoology/Life sciences such as Molecular biology, Biotechnology, Environmental biology and Biodiversity, Systematic Zoology, Microbiology etc. Topics from the C.S.I.R. NET/JRF syllabus in Life sciences has also been incorporated in various courses considering the future prospects of the students. The Elective subject of the programme is **Parasitology**. . Students are required to submit a collection of 20 specimens related to the elective subject as part of the practical course. An independent **project/ dissertation** with 3 credits form an important component of the programme in-order to inculcate research aptitude among students . Students are required to undertake a compulsory study tour and a report of tour has to be presented.

The scheme, detailed syllabi and pattern of question papers are presented herewith.

KANNUR UNIVERSITY
Scheme of M.Sc. Zoology Programme
(2016 Admission onwards)

M.Sc. ZOOLOGY – SCHEME OF COURSES UNDER CBSS – 2016 Onwards.

Semester	Course code	Title of Courses	Marks			Credits
			Internal	External	Total	
I	ZOO1C 01	Cell Biology and Genetics	15	60	75	4
	ZOO1C02	Biological Chemistry	15	60	75	4
	ZOO1C03	Systematic Zoology and Behavioral Science	15	60	75	4
	ZOO1C04	Microbial Science	15	60	75	4
	ZOO1 &2P 01	Cell Biology, Genetics & Molecular Biology	---	----	----	-
	ZOO1 &2P 02	Biological Chemistry, Biophysics & Biometry	---	----	----	-
	ZOO1 &2P 03	Environmental Biology& Systematic Zoology	--	---	---	-
		Total for I Semester	60	240	300	16
II	ZOO2C 05	Molecular Biology & Molecular Evolution	15	60	75	4
	ZOO2C06	Biophysics and Biometry	15	60	75	4
	ZOO2C07	Environmental Biology	15	60	75	4
	ZOO2C08	Immunology	15	60	75	4
	ZOO1 &2P 01	Cell Biology, Genetics & Molecular Biology	10	40	50	3
	ZOO1 &2P 02	Biological chemistry, Biophysics & Biometry	10	40	50	3
	ZOO1 &2P 03	Environmental Biology& Systematic Zoology	10	40	50	3
	ZOO2C09	Viva-voce	5	20	25	1
		Total for II Semester	95	380	475	26
III	ZOO3C 10	Animal Physiology	15	60	75	4
	ZOO3C 11	Developmental Biology and Endocrinology	15	60	75	4
	ZOO3E 01	General Parasitology and Helminthology	15	60	75	4
	ZOO 3 &4P 04	Animal Physiology	...	...	...	..
	ZOO3 &4P 05	Developmental Biology, Histology & Histochemistry	...	...	...	..
	ZOO3 &4P 06	Parasitology	...	...	...	..
	ZOO3 &4 Pr.01	Project/Dissertation	...	...	...
		Total for III Semester	45	180	225	12
IV	ZOO4C 12	Biotechnology and Bioinformatics	15	60	75	4
	ZOO4E 02	Protozoology, Medical and Veterinary Entomology	15	60	75	4
	ZOO4E 03	Physiology, Biochemistry and Genetics of parasites	15	60	75	4
	ZOO 3 &4P 04	Animal Physiology	10	40	50	3
	ZOO3 &4P 05	Developmental Biology, Histology & Histochemistry	10	40	50	3
	ZOO3 &4P 06	Parasitology	10	40	50	3
	ZOO3 & 4P07	Personnel Collections related to Elective Subject	5	20	25	1
	ZOO3 &4 Pr.01	Project/Dissertation	15	60	75	3
	ZOO4 C 13	Viva-voce	5	20	25	1
		Total for IV Semester	100	400	500	26
Total I, II, III & IV Semester			300	1200	1500	80