

**PARVATIBAI CHOWGULE COLLEGE OF ARTS AND SCIENCE
(AUTONOMOUS)
MARGAO GOA**

**MINUTES OF THE SECOND BOARD OF STUDIES IN ZOOLOGY
HELD ON 14TH AND 15TH OCTOBER, 2015
AT CONFERENCE HALL, CHOWGULE COLLEGE**

Vide Chowgule College notice (F.133(C)/1027 dated 03rd October 2015) a meeting of this BoS was convened on 14th -15th October 2015 at the conference hall of Parvatibai Chowgule College of Arts & Science, Margao - Goa. Since the number of members present represented the Quorum, the BoS began its proceedings.

MEMBERS PRESENT:

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|------------------------------|---|--------------------------|
| 1. Mr. K. N. Mishra | : | Chairman |
| 2. Dr. Manoj Borkar | : | Academic Council Nominee |
| 3. Prof. B. A. Shanbag | : | Vice-Chancellor Nominee |
| 4. Ms. Suzy F. Fernandes | : | Alumnus |
| 5. Dr. Nandini Vaz Fernandes | : | Member Secretary |
| 6. Dr. Socorrinha D'Costa | : | Member |
| 7. Ms. Merrill Godinho | : | Member |
| 8. Ms. Madhu P. Balekai | : | Member |

MEMBERS ABSENT WITH INTIMATION

1. Prof. P. Prakash Babu - Academic Council Nominee.
2. Dr. Philip Mascarenhas - Allied Area Representative

AGENDA :

1. To review the list of core and elective courses for undergraduate programme in Zoology.
2. To approve the syllabi of Semester III and Semester IV for the academic year 2016-17.
3. Any Other Business (A.O.B.):
 - Question paper pattern of the college.

PART A: RESOLUTIONS:

- 1) The list of core and elective courses for undergraduate programme in Zoology were presented and discussed at the meeting. The Board of Studies resolved to change Elective Paper ZOO-V.E.10 to 'Economic Zoology' and make change in title of paper ZOO-III.E-1 to be read as 'Vertebrate endocrinology'. The approved and accepted list of papers is presented below:

CORE AND ELECTIVE PAPERS FOR ZOOLOGY FOR SEMESTER III AND SEMESTER IV			
SEMESTER	SUBJECT CODE	PAPERS	Nature of the course
Semester 3	ZOO-III.C-5	Human Physiology	Core
	ZOO-III.E-1	Vertebrate Endocrinology	Elective
	ZOO-III.E-2	Basic microbiology and Fundamentals of Animal Biotechnology	Elective
	ZOO-III.E-3	Environmental Toxicology	Elective
	ZOO-III.E-4	Parasitology	Elective
Semester 4	ZOO-IV.C-6	Biochemistry and Metabolic Regulation	Core
	ZOO-IV.E-5	Animal cell culture and Applications	Elective
	ZOO-IV.E-6	Aquaculture and Fisheries	Elective
	ZOO-IV.E-7	Immunology	Elective
	ZOO-IV.E-8	Evolutionary Biology	Elective
Semester 5	ZOO-V.C-7	Developmental Biology	Core
	ZOO-V.E-9	Molecular Genetics and Forensic Science	Elective
	ZOO-V.E-10	Economic Zoology	Elective
	ZOO-V.E-11	Ecology and Ethology	Elective
	ZOO-V.E-12	Fish Preservation and Processing	Elective
Semester 6	ZOO-VI.C-8	Wildlife Biology	Core
	ZOO-VI.E-13	Health and Nutrition	Elective
	ZOO-VI.E-14	Basic and Applied Entomology	Elective
	ZOO-VI.E-15	Laboratory Techniques in Pathology	Elective
	ZOO-VI.E-16	Bio Entrepreneurship	Elective

- 2) Undergraduate courses were presented and discussed at the meeting. After all suggested changes the BOS resolved to pass the syllabi for the following undergraduate courses:

Semester	Course code	Title of the courses	Nature of the course
Semester 3	ZOO-III.C-5	Human Physiology	Core
	ZOO-III.E-1	Vertebrate Endocrinology	Elective
	ZOO-III.E-2	Basic microbiology and Fundamentals of Animal Biotechnology	Elective
	ZOO-III.E-3	Environmental Toxicology	Elective
	ZOO-III.E-4	Parasitology	Elective
Semester 4	ZOO-IV.C-6	Biochemistry and Metabolic Regulation	Core
	ZOO-IV.E-5	Animal cell culture and Applications	Elective
	ZOO-IV.E-6	Aquaculture and Fisheries	Elective
	ZOO-IV.E-7	Immunology	Elective
	ZOO-IV.E-8	Evolutionary Biology	Elective

- 3) The 'General Guidelines for Setting Question Papers' at the Semester End Assessment prepared by the Faculty of Social Sciences were read out by the Chairman at the meeting. BOS passed the resolution to approve the pattern of the question paper that provided overall choice to students and accept all other conditions attached to that pattern of question paper.

PART B: Resolutions / recommendations of BoS that require consideration / approval of Academic Council:

1. Approval of the list of papers for all semesters, with the change in titles of the Elective Paper ZOO-V.E.10 to 'Economic Zoology' and elective paper ZOO-III.E-1 to be read as 'Vertebrate endocrinology'
2. Approval of undergraduate Syllabus of the 10 papers in semester III and IV.

Semester	Course code	Title of the courses	Nature of the course
Semester 3	ZOO-III.C-5	Human Physiology	Core
	ZOO-III.E-1	Vertebrate Endocrinology	Elective
	ZOO-III.E-2	Basic microbiology and Fundamentals of Animal Biotechnology	Elective
	ZOO-III.E-3	Environmental Toxicology	Elective
	ZOO-III.E-4	Parasitology	Elective
Semester 4	ZOO-IV.C-6	Biochemistry and Metabolic Regulation	Core
	ZOO-IV.E-5	Animal cell culture and Applications	Elective
	ZOO-IV.E-6	Aquaculture and Fisheries	Elective
	ZOO-IV.E-7	Immunology	Elective
	ZOO-IV.E-8	Evolutionary Biology	Elective

The foregoing minutes of the meeting were emailed by the Chairman after the meeting and were unanimously approved by all the members present.


Mr. K N Mishra
Chairman BOS


Dr. Nandini Vaz Fernandes
Member Secretary


Dr. Socorinha D'Costa
Member

Date: 04th November 2015

PART C: The remarks of the Dean of the Faculty:-

- a. The minutes are in order
- b. The minutes may be placed before the Academic Council with remark, if any.
- c. Important points of the minutes which need clear policy decision of the Academic council to be recorded.

Signature of the Dean: _____

Date: _____