

GOA UNIVERSITY
Taleigao Plateau, Goa 403 206

REVISED MINUTES

of the 9th Special Meeting of the

X ACADEMIC COUNCIL

Day & Date

Saturday, 30th July, 2022

Time

10.00 a.m.

**Council Hall
Goa University**

	<p>Council.</p> <p>The proposed syllabus/structure for Semester III and Semester IV was deferred by the house.</p> <p style="text-align: center;">(Action: Assistant Registrar Academic – PG)</p>
D 3.29	<p>Minutes of the Board of Studies in Biotechnology meeting held on 20th May 2022.</p> <p>The Academic Council approved the minutes of the Board of Studies in Biotechnology meeting held on 20th May 2022 with the following suggestions:</p> <ol style="list-style-type: none"> 1. The Course Codes for the PG programme to be revised/Changed. 2. Minimum two optional courses to be offered. Four credits of optional courses shall be added in semester I and two credits in semester II. 3. Prerequisites for the Course to be added. 4. Course objectives to be included. 5. The Chairperson, Board of Studies was requested to resubmit the syllabus incorporating the suggestions and thereafter the Vice-Chancellor was authorized to approve the same on behalf of the Academic Council. 6. The proposed syllabus/Structure for M.Sc. Biotechnology and M.Sc. Marine Biotechnology of Semester III and Semester IV was deferred by the house. <p style="text-align: center;">(Action: Assistant Registrar Academic – PG)</p>
D 3.30	<p>Minutes of the Board of Studies in Food Technology meeting held on 27.07.2022.</p> <p>The Academic Council approved the minutes of the Board of Studies in Food Technology meeting held on 27.07.2022 with the following suggestions:</p> <ol style="list-style-type: none"> 1. The word '&' used in the Course Code of the Programme to be removed/deleted. 2. The Course Codes for the Programme to be revised/Changed. 3. Programme structure to be changed. 4. The proposed syllabus/structure for Semester III and Semester IV was deferred by the house. <p style="text-align: center;">(Action: Assistant Registrar Academic – PG)</p>
D 3.31	<p>Minutes of the Board of Studies in Zoology meeting held on 26.07.2022.</p> <p>The Academic Council approved the minutes of the Board of Studies in Zoology meeting held on 26.07.2022 with the following suggestions:</p> <ol style="list-style-type: none"> 1. Number of credits for the course should be checked. 2. The Course codes and the Hours to be clearly mentioned/formatted. 3. The proposed syllabus/structure for Semester III and Semester IV was deferred by the house. <p style="text-align: center;">(Action: Assistant Registrar Academic – PG)</p>
D 3.32	<p>Minutes of the Board of Studies in PGDCG & MLT meeting held on 26.07.2022. (Item Withdrawn)</p> <p style="text-align: center;">(Action: Assistant Registrar Academic – PG)</p>
D 3.33	<p>Minutes of the Board of Studies in Marathi meeting held on 27.07.2022.</p> <p>The Academic Council approved the minutes of the Board of Studies in Marathi meeting held on 27.07.2022 with the following suggestions:</p> <ol style="list-style-type: none"> 1. The Chairperson, Board of Studies was requested not to indicate the titles of the

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FINAL UPDATED AGENDA

For the 9th Special Meeting of the

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Time

10.00 a.m.

Venue
Conference Hall
Administration Block

- ii. Recommendations regarding courses of study in the subject or group of subjects at the postgraduate level:

- **BOS approved and recommended the change of syllabus of the M.Sc. Zoology Programme (Semester I,II,III & IV) in the School of Biological Sciences & Biotechnology along with the increase of credits from 64 to 80 for the academic year 2022-2023.optional courses,**
- **New Courses:4 Discipline specific optional courses and 5 Research specific courses and 6 Optional Generic courses have been newly structured and added to the existing syllabus**

Part B

- i. Scheme of Examinations at undergraduate level: **NA**
- ii. Panel of examiners for different examinations at the undergraduate level: **NA**
- iii. Scheme of Examinations at postgraduate level: **NA**
- iv. Panel of examiners for different examinations at post-graduate level: **NA**

Part C.

- i. Recommendations regarding preparation and publication of selection of reading material in the subject or group of subjects and the names of the persons recommended for appointment to make the selection: **NA**

Part D

- i. Recommendations regarding general academic requirements in the Departments of University or affiliated colleges: **NA**
- ii. Recommendations of the Academic Audit Committee and status thereof: **NA**

Part E.

- i. Recommendations of the text books for the course of study at undergraduate level: **NA**
- ii. **Recommendations of the text books for the course of study at post graduate level: Included with the syllabus**

Part F.

Important points for consideration/approval of Academic Council

- i. The important points/recommendations of BoS that require consideration/approval of Academic Council (points to be highlighted) as mentioned below
- a) **Major restructuring of the M.Sc. Zoology syllabus with increase in credits from 64 to 80 wef from 2022-2023. ([Annexure I](#) refer page no. 1148)**
- ii. The declaration by the chairman that the minutes were readout by the Chairman at the meeting itself.

Date: 26.07.2022
Place: Goa University

Sd/-
Signature of the Chairman

	<p>Part G. The Remarks of the Dean of the Faculty</p> <ol style="list-style-type: none"> The minutes are in order. The minutes may be placed before the Academic Council with remarks if any. May be recommended for approval of Academic Council. Special remarks if any. <p>Date: 26.07.2022 Place: Goa University</p> <p style="text-align: right;">Sd/- Signature of the Dean (Back to Index)</p>
D 3.32	<p>Minutes of the Board of Studies in PGDCG & MLT meeting held on 26.07.2022.</p> <p>Part A.</p> <ol style="list-style-type: none"> Recommendations regarding courses of study in the subject or group of subjects at the undergraduate level: NA Recommendations regarding courses of study in the subject or group of subjects at the postgraduate level: <ul style="list-style-type: none"> BOS approved and recommended to introduce two New courses ie MLC101: Clinical Genetics I and MLO201 Clinical Genetics II in the Post Graduate Diploma in Clinical Genetics and Medical Laboratory Techniques (PGDCG&MLT) from academic year 2022-2023 BOS approved and recommended minor changes in the existing courses of the PGDCG&MLT programme (MLC102, MLC103, MLC 104, MLO202, MLO203 and MLO204) from academic year 2022-2023 <p>Part B</p> <ol style="list-style-type: none"> Scheme of Examinations at undergraduate level: NA Panel of examiners for different examinations at the undergraduate level: NA Scheme of Examinations at postgraduate level: <p>The BOS approved and recommended the change of the format of examinations (Annexure II)</p> Panel of examiners for different examinations at post-graduate level: NA <p>Part C.</p> <ol style="list-style-type: none"> Recommendations regarding preparation and publication of selection of reading material in the subject or group of subjects and the names of the persons recommended for appointment to make the selection: NA <p>Part D</p> <ol style="list-style-type: none"> Recommendations regarding general academic requirements in the Department of University or affiliated colleges: <p>BOS approved the syllabus for GUART of PGDCG&MLT wef. 2022-2023</p> Recommendations of the Academic Audit Committee and status thereof: NA <p>Part E.</p> <ol style="list-style-type: none"> Recommendations of the text books for the course of study at undergraduate level: NA Recommendations of the text books for the course of study at post graduate level:

D 3.31 Minutes of the Board of Studies in Zoology meeting held on 26.07.2022.

Annexure I

(M. Sc. Zoology Syllabus)



Goa University

Goa University, Taleigao Plateau, Goa

403 206 Syllabus of M.Sc. (Zoology)

Programme in SBSB

***(To be followed from the Academic
year: 2022-23)***

Programme Name: M. Sc. Zoology Programme Code: ZO

Programme description:

This program is intended to develop learning about Zoology and significance of fauna ranging from single cell to multicellular systems. Keeping in mind the Programme thrust area "Biodiversity, Comparative Animal Physiology, Wildlife, Toxicology and Fisheries", the current Post graduation curriculum has been totally restructured. A precise balance between the classical courses and modern biological courses has been made to introduce and emphasize the skill based programmes with an Internship experience. Apart from the classical topics on Animal Sciences namely, Taxonomy and Systematics; Biodiversity; Anatomy of Non- chordates and Chordates, Genetics and Ecology this syllabus also covers topics on various aspects of Life Processes such as Animal Physiology, Developmental Biology and Molecular Biology. The restructured M. Sc. programme also focuses on various application based or skilled based courses such as Advanced Aquaculture Techniques and Ornamental Fish Management, Fish Processing, Butterfly Gardening, Environmental Physiology, Neurophysiology, Stem Cell Biology, Herpetology, Ornithology, Wildlife Biology and Ecotourism. Besides, the courses like Immunology, Cell Biology, Vector Biology and Ecotoxicology programs also represent this restructured syllabus.

<u>Objective:</u>	To initialize independent thinking and applications in the research field.	
<u>Content</u>	Chosen scientific area.	
<u>Pedagogy:</u>	Discussion/ Experimental work/ field study/ /self-study/Presentations	
<u>References/Readings</u>	<ol style="list-style-type: none"> 1. Scientific Journals 2. Reference Books 3. Any other authentic source 	
<u>Learning Outcomes</u>	<ol style="list-style-type: none"> 1. Designing of research work 2. Formulation of research methodology 3. Methods implementation and Gathering of research data and application of statistics. 4. Research result formulation and interpretation. 	

[\(Back to Index\)](#) [\(Back to Agenda\)](#)