



Parvatibai Chowgule College of Arts and Science

Autonomous

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale in 3rd cycle)

Best affiliated College-Goa University Silver Jubilee Year Award

MINUTES OF THE MEETINGS OF THE BOARD OF STUDIES IN BOTANY

HELD ON 11th January 2022

Through google meet

Vide Parvatibai Chowgule College notice (dated 23rd November 2021) a meeting of the Board of Studies was convened on 11th January 2022 through google meet. Since the members represented the Quorum, the B.O.S. began its proceedings.

MEMBERS PRESENT:

| | |
|-----------------------------------|------------------|
| 1. Dr. Uma Masur | Chairman |
| 2. Prof. Mehtab Bukhari | VC's nominee |
| 3. Dr. Rupali Bhandari | AC nominee |
| 4. Dr. Kundan Kumar | AC nominee |
| 5. Ms. Janice Rodrigues | Alumnus |
| 6. Mrs. Amisha Shirodker Pednecar | Member |
| 7. Mrs. Sushama Salgaonkar | Member secretary |
| 8. Dr. Sankrita Gaonkar | Member |
| 9. Ms. Roxiette Sequeira | Member |
| 10. Mrs. Dorraine Ferrao | Member |

Members Absent:

1. Sachin Mendonsa (With intimation) Industry representative
2. Prof. Sangeeta Sankhalkar (Without intimation) Member

The Chairperson welcomed the members of Board of Studies (BoS) and introduced the faculty members to new members, explained the agenda for the meeting and the Board transacted the following business.

AGENDA:

- i. Reading of minutes of last BoS meeting
- ii. Introduction of course structure to the members
- iii. Revision of Learning Outcome-based Curriculum Framework (LOCF)
- iv. Any other business (A.O.B.)

PART A: RESOLUTIONS

Observations and suggestions given by the members:

- i. Introduction of course structure to the members along with syllabus
- **Demarcation of text book and reference books in the syllabi:** it was suggested that the references given under reference section in the syllabi should be separated into text books and reference books.
- **Change of physiology of plant course title to plant physiology.**
- **Removal of respiration practical from mini project:** it was suggested to remove the respiration practical from the course Physiology of Plant practical as the topic is not mentioned in the theory section.
- **Mentioning the examples of plants in one of the Ecology and Conservation course practicals:** it was suggested to mention the plants in parenthesis for the practical named 'anatomical study of hydrophytes, xerophytes and halophytes' for Ecology and Conservation course.
- **Change in plant family names:** it was clarified that some of the names of plant families mentioned in Systematics of Flowering Plants and Phylogeny have been changed – need to be updated. Tiliaceae to Grewiaceae, Capparidaceae to Capparaceae. And, Asclepediaceae needs to be removed since it is a subfamily.
- **Addition of mini project in Systematics of Flowering Plants and Phylogeny course:** it was suggested to add mini project on making herbarium and selecting plant family (to study its characters) to be studied by the students.
- **Shifting of Systematics of Flowering Plants and Phylogeny in 1st semester:** it was suggested to shift the Systematics of Flowering Plants and Phylogeny course to 1st semester as students need to know the plants and then study them in detail.
- **Updating reference book for Plant Pathology course:** it was suggested to update the book reference 'Agrios, G.N. (2005). Plant Pathology' from 5th edition to 6th edition.
- **Rearrangement of topics in syllabus of Plant Molecular Biology:** it was suggested to include RNA polymerase topic in transcription process. And, secondary structure of mRNA should come after transcription.
- **Addition of recombination topic in Plant Molecular Biology syllabus:** it was suggested to add recombination topic in Plant Molecular Biology syllabus.

- **Removal of repeated topic in Bioinformatics course:** it was suggested to remove the repeated topics from the syllabus. The classification of databases is repeated in module II and module III.
- **Restructuring of Organic Farming course practical component:** it was suggested to restructure 'observation of mycorrhizae' practical component to specify whether it is ecto or endomycorrhizae, or isolation of AM fungi or estimation of AM fungi. It can be specified as 'Estimation of root colonization'. Also, 1 practical session can be removed from miniproject and can be added in mycorrhizae practical component.
- **Removal of repeated topics in Plant Genetic Engineering course:** it was suggested to remove DNA isolation topic from the syllabus of Plant Genetic Engineering course as it is already covered in Plant Molecular Biology course.
- **Replacement of a practical component in Plant Genetic Engineering course:** it was suggested to replace plant DNA isolation practical by isolation of plasmid DNA as plant DNA isolation is already covered in Physiology of Plant course.
- **Removal of repeated practical from Horticulture, Floriculture and Landscaping course:** it was clarified that composting practical is already covered in 5th Semester and is again repeated in 6th Semester. This practical can be replaced by miniproject 'growing of microgreens organically'.
- **Addition of mini projects in Horticulture, Floriculture and Landscaping course:** it was suggested to add some mini projects in Horticulture, Floriculture and Landscaping course.
- **Removal of Auto CAD software topic from Horticulture, Floriculture and Landscaping course:** it was suggested to remove Auto CAD software topic from Horticulture, Floriculture and Landscaping course due to practical difficulties. However, it can be added as an option in theory section.

Resolutions: It was decided to note down all the observations and suggestions for further deliberations. Members appreciated the designing of course structure,

- ii. Revision of Learning Outcome-based Curriculum Framework (LOCF)

Resolutions: Members appreciated the LOCF document, TLE methods followed presently.

- iii. Any other business (A.O.B.)

1. It was recommended to float Herbal Cosmetology course as a summer training programme for the students of the Chowgule College as well as the general public.

Resolutions: It was decided to note down all the observations and suggestions for further deliberations.

Part B

- i. **Important points/ recommendations of BoS that require consideration/ approval of academic council.**

Important points:

It was decided to note down all the observations and suggestions for further deliberations.

Members appreciated the course structure, LOCF document, TLE methods followed presently.

The Chairman thanked the members of the Board of Studies in Botany for their valuable contributions, suggestions and participation.

The meeting was concluded on 11th January 2022 at 4:00 pm.

The following members of Board of Studies in Botany were present for the meeting:

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|-----------------------------------|------------------|
| 1. Dr. Uma Masur | Chairman |
| 2. Prof. Mehtab Bukhari | VC's nominee |
| 3. Dr. Rupali Bhandari | AC nominee |
| 4. Dr. Kundan Kumar | AC nominee |
| 5. Ms. Janice Rodrigues | Alumnus |
| 6. Mrs. Amisha Shirodker Pednecar | Member |
| 7. Mrs. Sushama Salgaonkar | Member secretary |
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Dr. Uma Masur
Chairman
Board of Studies



Ms. Sushama Salgaonkar
Member Secretary
Board of Studies

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.

Date: 22/01/2022

Signature of the Dean: Ananya Das