

DAV University, Jalandhar

Department of Botany and Environment Studies

Proceedings of BoS Meeting

Date: 14th May, 2022

A meeting of Board of Studies (BoS) in BOTANY and ENVIRONMENT STUDIES was held on 14th May, 2022 at 11.30 am in AC-13, DAV University, Jalandhar.

The following members were present in the meeting:

1. Dr. Manish Kapoor, Department of Botany, Punjabi University, Patiala – *Subject Expert*
2. Dr. Ashish Sharma (Assistant Professor, DAV University, Jalandhar) – *Convener cum Member*
3. Dr. Harpreet Walia (Assistant Professor, DAV University, Jalandhar) – *Member*
4. Dr. Raj Bala (Assistant Professor, DAV University, Jalandhar) – *Member*
5. Dr. Nishi Sondhi (Assistant Professor, DAV University, Jalandhar) – *Member*

The BoS discussed the agenda and unanimously resolved as under:

1. The board approved the proposed outline and details of the syllabi and courses of study for B.Sc. Botany (Hons.) 1st year – session 2022-23.
2. The board approved the proposed outline and details of the syllabi and courses of study for B.Sc. Botany (Hons.) 2nd year – session 2022-23.
3. The board approved the proposed outline and details of the syllabi and courses of study for B.Sc. Botany (Hons.) 3rd year – session 2022-23.
4. The board approved the proposed outline and details of the syllabi and courses of study for M.Sc. Botany (Hons.) 1st year – session 2022-23.
5. The board approved the proposed outline and details of the syllabi and courses of study for M.Sc. Botany (Hons.) 2nd year – session 2022-23.
6. The board approved syllabi of the subjects of Botany and EVS to be opted by the students of the other departments of the University for the academic session 2022-23.
7. The board approved the proposed outline and details of the syllabi and courses of study for the admission to Ph.D. Botany, session 2022-23.
8. The board gave approval for the list of examiners and paper setters for Batch 2022-23 of B.Sc. (Hons.) Botany.
9. The board gave approval for the list of examiners and paper setters for Batch 2022-23 of M.Sc. (Hons.) Botany.
10. The board gave approval for the list of examiners and paper setters for Batch 2022-23 of Ph.D. in Botany.

The details of the changes incorporated in the syllabi are as follows:

- The course MBB101- Biomolecules has been added to the course scheme of B.Sc. Botany
- The course MBB102- Biomolecules Laboratory has been added to the course scheme of B.Sc. Botany
- In the course BOT125 phylum Glomeromycota has been included in Unit 1 and the topic fungi like organisms have been included in unit 2.
- In the course BOT127 genus *Ephedra* and Introduction to *Welwitschia* and *Ginkgo* and their importance in evolution has been included in unit 4
- In the course BOT221 morphology of root, stem, leaf, inflorescence, flower, fruit and seed has been included in units 1 and 2. Topics pertaining to anatomy of secretory ducts and laticifers has also been included in the succeeding units of the course.
- In the course BOT226 topics such as community ecology, population ecology and habitat ecology has been included in the syllabus.
- In the course BOT229 Herbarium technique, Diagnostic features and technical description and taxonomic importance of flowering plants as illustrated by members of families Brassicaceae, Rutaceae, Fabaceae, Cucurbitaceae, Rosaceae, Apocynaceae, Asclepiadaceae, Solanaceae, Lamiaceae, Euphorbiaceae and Liliaceae has been included in the syllabus.
- Syllabus of BOT622 – Advanced Plant Systematics was updated in consultation with external expert.
- BOT637 Advanced Plant Breeding has been shifted to 3rd semester.

- Community engagement course has been incorporated in the 4th semester

The meeting concluded with special thanks to Dr. Manish Kapoor (*External Expert*)



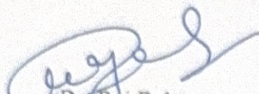
(Dr. Manish Kapoor)



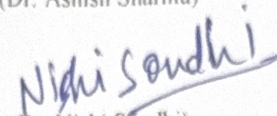
(Dr. Ashish Sharma)



(Dr. Harpreet Walia)



(Dr. Raj Bala)



(Dr. Nishi Sondhi)