

**Minutes of the  
12<sup>th</sup> Meeting of the Board of Studies  
of  
Department of Botany  
Central University of Jammu**



**Venue : Office of Head, Department of Botany, CUJ, Bagla**  
**Date : Monday, 1<sup>st</sup> Novemeber, 2021**  
**Time : 11:00 am**

*Awahilly*  
1.11.21

*K. K. Sharma*  
11/11/2021

*Sanjiv Kumar*  
01.11.2021

*[Signature]*

*[Signature]*

*Nagesh*  
1/11/21



**Department of Botany**  
**Central University of Jammu**

No. CUJ/BOT/2021/1560

Date: 1<sup>st</sup> November, 2021

**MINUTES OF THE 12<sup>th</sup> MEETING OF BOARD OF STUDIES (BOS) OF DEPARTMENT OF BOTANY**

11.1 Minutes of the 12<sup>th</sup> meeting of the Board of Studies of Department of Botany held on 1<sup>st</sup> November, 2021 at 11.00 am in Office of Head, Department of Botany, Central University of Jammu.

11.2 The following members attended the meeting:

Name	Affiliation	
Prof. B. S. Bhau,	Head, Department of Botany, CUJ	Chairman
Prof. A.K. Wakhlu (Retd.)	Department of Botany, University of Jammu, Jammu	External Expert Member
Prof. Namrata Sharma	Department of Botany, University of Jammu, Jammu	External Expert Member
Dr. S. Vaishnavi	Assistant Professor, Department of Botany, CUJ	Member Secretary
Dr. V. Srivastava	Assistant Professor, Department of Botany, CUJ	Special invitee
Dr. D. Bhardwaj	Assistant Professor, Department of Botany, CUJ	Special invitee

Prof. Veenu Koul, Department of Botany, University of Jammu and Dr. A. Bhat, Assistant Professor, Centre for Molecular Biology, CUJ were unable to attend the meeting because of unavoidable circumstances.

11.3 Opening remarks by the Chair

The Chairman welcomed all the members and thanked them for making it convenient to attend this meeting and providing invaluable inputs.

- 11.4 To consider and approve the draft course contents of 'Basics of Computer Literacy' as a Skill Enhancement Course to be offered to semester III of the Integrated B.Sc. (Hons.) and M. Sc. in Botany program (AY 2021-22) consequent to adoption of CBCS guidelines.

The course structure and contents as approved by the Board are placed at Annexure – 1.

- 11.5 To consider and approve the modification in course contents of Applied Phycology and Bryology Lab offered to Integrated B.Sc. (Hons.) and M. Sc. in Botany program semester VII.

The Board considered and approved the modifications made in the course Applied Phycology and Bryology Lab and the revised course is placed at Annexure – 2.

- 11.6 To consider and approve courses Plant Kingdom: Diversity in Form, Structure, Plant Kingdom: Diversity in Form, Structure and Reproduction Lab, Plants in Human Welfare and Plants in Human Welfare Lab to also be offered as generic electives. *and Reproductive*

The Board approved offering of Plant Kingdom: Diversity in Form, Structure, Plant Kingdom: Diversity in Form, Structure and Reproduction Lab, Plants in Human Welfare and Plants in Human Welfare Lab as generic electives, and recommended elective course code ICBOTXE001T and ICBOTXE001L may then be used for Plant Kingdom: Diversity in Form, Structure and Reproduction theory and lab course, respectively, and ICBOTXE002T and ICBOTXE002L for Plants in Human Welfare theory and lab course, respectively, where X stands for semester in which taught.

- 11.7 To consider and approve the minutes of meeting of DRC held on 13/09/2021

Minutes of meeting of the DRC held on 01/02/2021 were approved with the following observations:

1. The thesis titles to be put in running case unless otherwise required.

Correct titles in running format are

- i) Ameliorative effects of PGPR (Plant Growth Promoting Rhizobia) under water deficit conditions and their molecular insights using modelling and docking in the common bean (*Phaseolus vulgaris* L.)- Research scholar- Ms. Shreya Proch
- ii) Biological control of Anthracnose in *Phaseolus vulgaris* L. using PGPR's and *Trichoderma* spp. Aided with protein-ligand docking using *in silico* methods. - Research scholar- Ms. Barkha Parihar

2. The word 'plants' be removed, and 'of' be replaced with 'from' to make the title as 'Molecular characterisation of *Bacopa monnieri* L. Westt. from Jammu region' for Ph.D. thesis of Ms. Komal Shanna (Roll. no. 0351719).

3. The word 'plantation' be removed, and 'of' be replaced with 'from' to make the title as 'Biodiversity of arbuscular mycorrhizal fungi in medicinally important *Justicia adathoda* from Jammu region and its effects on the levels of Vasicine and Vasicone' for Ph.D. thesis of Ms. Jyoti Priya (Roll.no. 0251719).


**11.8 To discuss requirement of additional faculty positions for smooth and satisfactory running of the 5-year Integrated B.Sc. (Hons.) and M. Sc. in Botany programme**

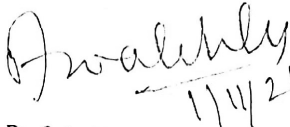
The Board discussed the fact that the Integrated B.Sc. (Hons.) and M. Sc. in Botany programme which started in AY 2016-17 is presently having all five batches running with student intake being 45 + EWS + payment seats (as per prospectus) taking the total intake to more than 50/batch. The Department has a sanctioned faculty strength of only seven (1+2+4) posts, and of these just 5 are filled, with one faculty member on lien. All members took cognizance of the fact that UGC guidelines make it mandatory for universities to have at least one teacher for every 10 students for Sciences for PG programmes, and one teacher for every 25 students for UG programmes making the faculty requirement for the Department as 16 which is far more than the sanctioned number. Considering the above, and the fact that sister Universities in adjoining areas have a sanctioned strength of 1:10, it is strongly recommended that additional faculty positions be created for smooth and satisfactory running of the programme.


**11.9 To consider and approve the modification in course contents of Gymnosperm and Palaeobotany theory offered to B.Sc. (Hons.) and M.Sc. in Botany programme in semester IV.**


The Board considered and approved the deletion of family Araucariaceae from Unit III of the original course content of Gymnosperms and Palaeobotany. The modified course is attached at annexure -3.


**11.10 The Meeting ended with a vote of thanks to the Chair.**


  
Prof. B. S. Bhat 11/11/2021

  
Prof. A. K. Wakhlu 11/11/21

  
Prof. Namrata Sharma 11/11/21

  
Dr. S. Vaishnavi 11/11/2021

  
Dr. V. Srivastava 01.11.2021

  
Dr. D. Bhardwaj