

**Minutes of the
13th Meeting of the Board of Studies
of
Department of Botany
Central University of Jammu**



Venue: Office of Head, Department of Botany, CUJ, Bagla

Date: Friday, 27th May 2022.

Time: 11:00 am

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Department of Botany
Central University of Jammu

No.CUJ/BOT/2022/

Date: 27th May 2022

MINUTES OF THE 13th MEETING OF BOARD OF STUDIES (BOS) OF DEPARTMENT BOTANY

Minutes of the 13th meeting of the Board of Studies of Department of Botany held on 27th May 2022 at 11:00 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. Veenu Koul	HOD, 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. D. Bhardwaj	Assistant Professor, Department of Botany, CUJ	Special invitee

Prof. AK Wakhlu, 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.

1 Opening remarks by the Chair

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

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- 2 To revise and approve the course matrix for Five Year Integrated B.Sc.-M.Sc. Botany Programme according to National Education Policy (NEP-2020) w.e.f Academic Session 2022-2023.

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

- 3 To approve the Learning Outcome based Curriculum Framework (LOCF) of Five-Year Integrated B.Sc.-M.Sc. Botany Programme and syllabus of semesters I and II according to National Education Policy (NEP-2020) w.e.f Academic Session 2022-2023.

The Board considered and approved the Learning Outcome based Curriculum Framework (LOCF) of Five-Year Integrated B.Sc.-M.Sc. Botany Programme and syllabus of semesters I, and according to National Education Policy (NEP-2020) and is placed at Annexure – 1.

4. To approve the syllabus of Open Elective courses offered by the department w.e.f Academic Session 2022-2023.

The Board considered and approved the Open elective courses and their content with modifications and is placed at Annexure – 1.

- 5 To consider and approve the minutes of meeting of DRC held on 20/05/22

Minutes of meeting of the DRC held on 20/05/2022 were approved with the following observations:

- a. To review and approve progress report of Ph.D. scholar Mr. Aksar Ali Chawdhary (0151718) for the continuation of the university fellowship

The RAC committee has evaluated the Ph.D. work progress of Aksar Ali Chowdhary satisfactory and found to be excellent. The scholar has two published review papers during the period and one research papers of his PhD work under communication. The committee further observed that the future of PhD dissertation (Alleviation of lead toxicity using H₂S and NO as well as H₂S and NO interaction during cadmium and lead toxicity) may require a year, therefore recommended extension for his university funded fellowship for one-year.

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Manish Nasir

- b. To review and approve progress report of Ph.D. scholar Ms. Shreya Proch (0451719)

The RAC committee has evaluated the Ph.D. work progress of Ms. Shreya Proch satisfactory. The scholar was advised to publish a review article at the earliest. Levels of drought stress to be administered to *Phaseolus vulgaris* L. should be characterized.

- c. To review and approve progress report of Ph.D. scholar Ms. Barkha Parashar (0151719).

The RAC committee has evaluated the Ph.D. work progress of Ms. Barkha Parashar satisfactory. RAC suggested to isolate fungal spp., besides *Trichoderma*, rhizosphere of *Phaseolus vulgaris* L. with antagonistic activity against *Colletotrichum lindemuthianum*. Collection of natural accessions of *Phaseolus vulgaris* L. should be done. The scholar was advised to communicate a review article at the earliest.

- d. To review and approve progress report of Ph.D. scholar Ms. Komal Sharma (0351719)

The progress report presented by Ms. Komal was found to be satisfactory. The scholar was advised to get the plant identification approved by some additional authentic sources and make every effort to collect the plant material from as many locations as possible. The scholar was advised to communicate a review article at the earliest.

- e. To review and approve progress report of Ph.D. scholar Ms. Jyotipriya Samant (0251719)

The expert members of the research advisory committee resolved that: The title of study i.e., 'To study the biodiversity of Arbuscular Mycorrhizal Fungi in medicinally important *Justicia adathoda* plantation of Jammu region and its effects on the levels of vasicine and vasicinone' should be modified as 'To study the diversity of Arbuscular Mycorrhizal Fungi in medicinally important *Justicia adathoda* L. and its effects on levels of vasicine and vasicinone.

- f. To approve thesis title and synopsis of Ms. Vrinda Sharma (0151720)

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Proposed title ^{Some} 'Studies on genetic diversity of selected *Ipomoea* L. species' was approved. The sampling area for the proposed study should be restricted to the two districts, Jammu and Samba, and not the entire Jammu region of J&K to enable completion of objectives in stipulated time frame. The objectives were accordingly modified.

6. Any other item with the permission of Chairman BOS.

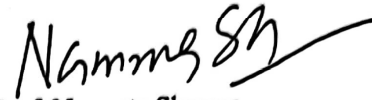
- a. Course structure for the upcoming 5th semester (2022-23) was placed before the Board considered and approved by the Board. The syllabus of all the courses included have been approved previously, and the Skill Enhancement course stands approved in current BOS. Course structure for the upcoming 5th semester (2022-23) was approved by the Board.
- b. Post facto approval for offering of 'Introduction to Computers' as a Foundation course to the semester V of the Integrated B.Sc. (Hons.) and M. Sc. in Botany programme (AY 2021-22). As per approved course structure, the batch admitted in 2019 was supposed to complete four Foundation courses ($4 \times 4 = 16$), one each in semesters I – IV. However, no Foundation course could be offered to this batch in their semester IV (Feb. – June, 2021) due to some unavoidable circumstances. The students in their semester V. had three core theory courses ($3 \times 4 = 12$ credits), three core lab courses ($3 \times 2 = 6$ credits), one elective theory course ($1 \times 4 = 4$ credits) and one elective lab course ($1 \times 2 = 2$ credits) adding up to 32 hours/week. The missed Foundation course was sought to be compensated for by offering an Introductory course on computers. Such a course 'Introduction to Computers' was being offered by the Department of Computer Science and Information Technology as an interdisciplinary course, and the same was offered as a Foundation course to fulfil the requirement to the semester V students as they had not taken any course on Computer skills previously. Considering the above, pending approval of the Academic Bodies, HVC kindly accorded approval to offering of 'Introduction to Computers' as a Foundation course to the semester V of the Integrated B.Sc. (Hons.) and M. Sc. in Botany programme (AY 2021-22). The detailed contents of the course offered are placed alongside for kind perusal. Post facto approval was granted for the same by the Board.

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

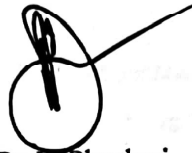
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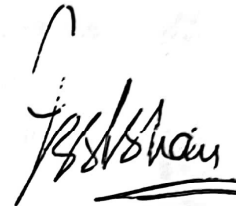
Prof. Veenu Koul



Prof. Namrata Sharma



Dr. D. Bhardwaj



Prof. B. S. Bhau

Dr. S. Vaishnavi