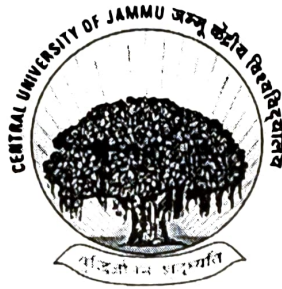


Minutes of the Meeting of the School Board of School of Life Sciences Central University of Jammu



Venue: Committee room, Central University of Jammu, Rahya-Suchani (Bagla), Samba

Date: Monday, 5th April, 2021

Time: 11:00 am

Mode: Both online and offline mode



School of Life Sciences Central University of Jammu

No.

Date: th April, 2021

MINUTES OF THE MEETING OF SCHOOL BOARD, SCHOOL OF LIFE SCIENCES

- 1 Minutes of the meeting of the School Board, School of Life Sciences held on 5th April, 2021 at 11.00 am in Committee Room, Central University of Jammu, Bagla.
- 2 The following members attended the meeting:

Prof. B. S. Bhau	Dean, School of Life Sciences, CUJ Head, Department of Botany, CUJ	Chairman
Prof. Devanand Padha	Dean, School of Basic and Applied Sciences, CUJ	Member
Prof. S. N. Raina	Emeritus Professor, Amity Institute of Biotechnology, Amity University, NOIDA	External Expert Member
Prof. Desh Raj Thakur	Department of Biosciences, Himachal Pradesh University, Shimla, H.P.	External Expert Member
Prof. A. K. Srivastava	Department of Chemistry, Veer Bahadur Singh Purvanchal University, Jaunpur, U.P.	External Expert Member
Prof. Sunil Dhar	Head, Department of Environment Sciences, CUJ	Member
Prof. Mushtaq	Director Center for Molecular Biology Head, Department of Zoology	Member
Dr. Richa Kothari	Associate Professor, Department of Environmental Sciences, CUJ	Member
Dr. Vinay Kumar	Associate Professor, Department of Physics and Astronomical Sciences, CUJ	Member
Dr. Samantha Vaishnavi	Assistant Professor, Department of Botany, CUJ	Member
Dr. Shweta Yadav	Assistant Professor, Department of Environmental Sciences, CUJ	Member
Dr. Shvetambri Jasrotia	Assistant Professor, Department of Zoology, CUJ	Member

3 Opening remarks by the Chair

The Chairman welcomed all the members, especially the external experts, and thanked them for making it convenient to attend this meeting. He informed the external experts that this was the first School Board meeting under his Deanship, since taking charge from Prof. Deepak Pathania. He also said that since the past year due to the constraints of the lockdown and subsequent restrictions the meeting of the Board could not be conducted earlier.

Thereafter the detailed agenda items for Department of EVS, Zoology and Botany were taken up for consideration.

EVS

ITEM NO. 1

To seek approval for research titles and synopsis of research scholars of the Department as approved by DRC. (Annexure 1)

Resolution 1:

The research titles and synopsis of research scholars of the Department were approved unanimously by all the members of the school board.

ITEM NO.2

To seek approval for the syllabus for M.Sc. and Ph.D programme as approved by BoS. (Annexure 2, 3)

Resolution 2:

The syllabus for M.Sc. and Ph.D programme were approved unanimously by all the members of the school board.

ITEM NO.3

To seek approval for the list of the Examiners for the evaluation of Ph.D thesis in the department (Annexure 4).

Resolution 3:

The list of the Examiners for the evaluation of Ph.D. thesis in the department were approved unanimously by all the members of the school board.

ITEM NO.4

To approve the of Ph.D Research title, name of the Supervisor, Year of Admission, and Registration/Roll No of Ms Anjali Bala as per Detail given below. The approval from DRC/BOS/RR/Allotment of Supervisor is attached as (Annexure 5)

S.No	Name of Candidate	Reg. No./ Roll Number	Year of Admission	Name of Supervisor	Title of PhD Thesis
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1.	Ms. Anjali Bala	0150816	23 November 2016	Dr. Pankaj Mehta	Chemical Assessment of Groundwater of Jammu Province and its Relationship with the lithology of the Area
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Resolution 4:

The Ph.D Research title, name of the Supervisor, Year of Admission, and Registration/Roll No. Ms Anjali Bala were approved unanimously by all the members of the school board.

Annexures:

Annexure 1: Minutes of DRC meeting held on 29/01/2020.

Annexure 2: Email endorsement of BOS members for approval of Synopsis and Syllabus of M.Sc. and Ph.D programme.

Annexure 3: Copy of Syllabus for M.Sc. and Ph.D programme as approved by the BOS.

Annexure 4 : List of the Examiners for the evaluation of Ph.D thesis in the Department

Annexure 5 : Ph.D Registration, Allotment of Supervisor, Ph.D. Research Title Approval from DRC & BOS, Ph.D Pre-Submission Circular.

Zoology

ITEM NO. 1:

To approve the updated course curriculum booklet for the Integrated B. Sc (Hons.), M.Sc. Programme in Zoology to be implemented w.e.f. academic session 2020-2021.

The updated course booklet for Integrated B. Sc (Hons.), M.Sc. Programme in Zoology was placed before the School Board (SB). The final approved course booklet by the School Board (SB) is placed as Annexure I. The School Board considered and approved the same.

ITEM NO.2:

To accord approval for allotment of research supervisors for students enrolled for Ph.D. Degree Programme in the Department of Zoology during academic session 2019-2020.

The following three students have been enrolled for Ph.D. Programme in Zoology for the academic session 2019-2020:

1. Ms. Anchal Chib
2. Mr. Tundup Gyalpo
3. Ms. Shaveta Padha

The said students have successfully completed their prescribed Ph.D. coursework as communicated by the Controller of Examination vide letter no. CUJ/Exam/PHD/11517, dated: 13/01/2021 (Copy placed as ANNEXURE- II). Consequent upon this the Head, Department of

Zoology has allocated the faculty members of the Department as research supervisors for the said candidates (Dr. Shvetambri Jasrotia, Dr. Vinita Sharma and Dr. Anjali Dhar respectively, for Ms. Anchal Chib, Mr. Tundup Gyalpo and Ms. Shaveta Padha) vide his letter no CUJ/Bagla/Zo/2021/581, dated: 09-02-2021 in terms of Clause 06 of UGC (Minimum Standards & Procedure for award of M.Phil/Ph.D degrees) Regulations, 2016 (Copy placed as ANNEXURE- III). The same was placed before the BOS. **The School Board considered and approved the same.**

ITEM NO. 3.

To permit Dr. Shvetambri Jasrotia, Assistant Professor, Department of Zoology to act as co-supervisor of Mr. Imtiaz Shahid, registered for Ph.D. degree Programme in Zoology in the Department of Zoology, School of Biosciences and Biotechnology, Baba Ghulam Shah Badshah University, Rajouri-18513 under the supervision of Dr. A. A. Shah, Head, Department of Zoology.

Dr. A. A. Shah, Head, Department of Zoology, BGSBU, Rajouri requested HOD, Zoology, CUJ vide his email dated: 30th July 2020 to permit Dr. Shvetambri Jasrotia, Assistant Professor, Department of Zoology to act as co-supervisor of Mr. Imtiaz Shahid, registered for Ph.D. degree Programme in the Department of Zoology, BGSBU under his (Dr. A.A. Shah) supervision. Accordingly, Head of the Department of Zoology (as consented by with Dr. Shvetambri), with the approval of Dean, School of Life Sciences, CUJ has granted permission to Dr. Shvetambri Jasrotia to act as co – supervisor of the said candidate (Copy placed as ANNEXURE- IV). **The matter was placed before the School Board for approval. The School Board considered and approved the same.**

ITEM NO.4:

To approve the corrected syllabus as well as credit value of Course Title - Research Methodology in semester IX from 04 credits to 02 credits as per the CBCS guidelines.

The course title – Research Methodology (Course Code: ICZOL9C005T) is a 02-credit course offered to the students of Semester IX, Integrated B. Sc (Hons.), M.Sc. Programme in Zoology. However, due to typographical error the syllabus of the said course had been devised consisting of five Units that is equivalent to 04 credits course. The same needs to be corrected by reducing the syllabus to three Units from the existing four. The corrected version of the syllabus for the said course was placed before the School Board for approval. **The School Board approved the same that is placed as ANNEXURE- V.**

ITEM NO.5:

To accord approval for adoption of Course Title – “Research and Publication Ethics” as part of coursework for Ph.D. Degree Programme in the Department of Zoology in terms of letter D.O.No.F.1-1/2018/CARE) December 2019 of the Secretary, University Grants Commission.

University Grants Commission in its 543rd meeting held on 9th August, 2019 has approved two Credit Course for awareness about publication ethics and publication misconducts entitled “Research and publication Ethics (RPE)” to be made compulsory for all Ph.D. students for pre-registration course work in terms of letter D.O.No.F.1-1/2018/CARE) December 2019 of the Secretary, University Grants Commission **the same that is placed as ANNEXURE-VI. The School Board considered and approved the same.**

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5/4/2021

ITEM NO.6:

To grant approval for appointment of Dr. S.K. Gupta, Scientist E, Nodal Officer, Wildlife Forensic and Conservation Genetics Cell, Chandrabani, Dehradun, Uttarakhand as Co-Supervisor of Mr. Tundup Gyalpo, registered for Ph.D. Degree Programme in Zoology, CUJ under the supervision of Dr. Vinita Sharma, Assistant Professor, Department of Zoology.

After consultation with the Head, Department of Zoology, Dr. Vinita Sharma, Assistant Professor, Department of Zoology requested Dr. S.K. Gupta, Scientist E, Nodal Officer, Wildlife Forensic and Conservation Genetics Cell, Chandrabani, Dehradun, Uttarakhand to act as Co-Supervisor of Mr. Tundup Gyalpo, registered for Ph.D. Degree Programme in Zoology, CUJ under her supervision. Dr. S.K. Gupta has consented for the same vide his email, dated 23.3.2021 (Copy of his email along with his CV is placed as ANNEXURE - VII). School Board considered and approved the same.

ITEM NO. 7:

Pattern of examination/evaluation of courses offered as dissertation at UG and PG level in Integrated B. Sc (Hons.), M.Sc. Zoology.

Department of Zoology offers Dissertation work at the level of semester VI and semester X as given below:

Course Code	Course Title	Credits	Semester	Total Marks
ICZO6C001D	Dissertation	06	VI	150
ICZOL10C001D	Dissertation	08	X	200

Each student will submit the final dissertation report to Head of the Department through concerned Supervisor at least ten days before the date of examination. The examination for the said courses shall be conducted by a board of examiners consisting of Head of the Department, Concerned dissertation Supervisor(s) and external expert (s). The evaluation shall be made on the basis of parameters including dissertation report, quality and content, presentation, viva voce etc. The School board considered and approved the same.

ITEM NO. 8:

To approve the Panel of Experts for conducting Practical/ Dissertation Examinations in Integrated B. Sc (Hons.), M.Sc. Zoology.

For conducting the Practical/ Dissertation Examinations/viva voce at UG/PG level in the Integrated B. Sc (Hons.), M.Sc. Zoology, programme, external examiner(s) is/are involved. The panel of potential examiners for the purpose is placed as Annexure-VIII. Faculty members of the rank of Associate Professor/equivalent and above shall be preferable invited as external examiners for conducting the Practical/ Dissertation Examinations/viva voce at PG level. The Head of the Department could invite any other person as external examiner (apart from the approved panel of examiners by the BoS) depending upon the availability/convenience. The panel of potential examiners may be regularly updated by the Department. The School board considered and approved the same.

Botany

- 1 Approval to following recommendations of Board of Studies of Department of Botany in its 9th meeting held on 9th Jan, 2020 (Minutes attached at annexure -I).

- 1.1 To approve the course structure and contents for semester VIII of the Integrated M. Sc. Botany programme.

The Board was apprised that the course structure and contents for semester VIII of the Integrated M. Sc. Botany programme was approved in the 9th meeting of the Board of Studies of Department of Botany held in January, 2020. The same could not be brought before the School Board because of Covid induced restrictions, but was passed by the Academic Council in anticipation of approval by the School Board. The Board members noted that 2020 had been an unprecedented year, and the whole world, including academic institutions were learning to function under extraordinary circumstances. In view of the above, the Board accorded post-facto approval for the course structure and contents of semester VIII of the Integrated M. Sc. Botany programme (annexure -II).

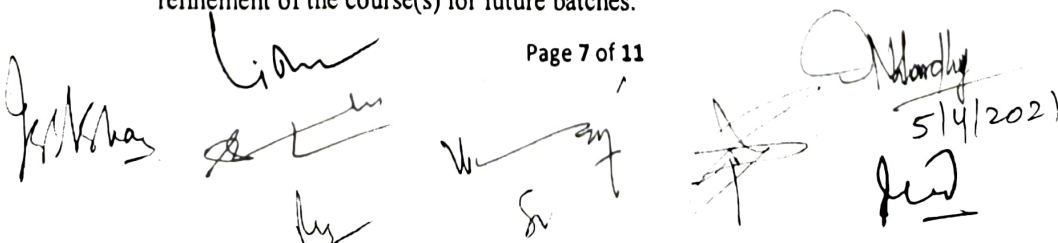
- 1.2 To approve inclusion of the course 'Research and Publication Ethics' in Ph.D. coursework.

The Board approved the inclusion of course 'Research and Publication Ethics' in Ph.D. coursework as mandated by UGC.

- 2 Approval of following recommendations of Board of Studies of Department of Botany in its 10th meeting held on 19th October, 2020 (Minutes attached at annexure -III).

- 2.1 To approve course structure and contents for semester IX of the Integrated M. Sc. Botany programme.

The course structure and contents for semester IX of the Integrated M. Sc. Botany programme as approved in the 10th meeting of the Board of Studies of Department of Botany were placed before the School Board. Prof. S. N. Raina observed that the term 'Molecular' in course titled 'Molecular Plant Pathology' is not in consonance with the contents of the course and advised that either the contents may be revisited or the title be changed accordingly. He further observed that the term 'Applied' seems redundant in the course titled 'Applied *In vitro* Technologies' since *in vitro* technologies are an applied aspect. The Board members noted that online classes for semester IX had to be started in August 2020 under the Covid restrictions, and that the tabled courses had been offered to the students. Considering the same, the Board accorded post-facto approval for the tabled course structure and contents of semester IX of the Integrated M. Sc. Botany programme. It was further resolved that the suggestions made by the Board members would be taken up for discussion at the Departmental level for further refinement of the course(s) for future batches.

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The approved course structure and contents of semester IX of the Integrated M. Sc. Botany programme is placed at annexure –IV.

2.2 To approve adoption of CBCS guideline-based course structure from the AY 2020-21 onwards.

The Board approved adoption of CBCS guidelines from AY 2020-21 onwards.

2.3 To approve the course contents after adoption of CBCS guidelines to be implemented from AY 2020-21 onwards.

The course structure and contents for semester I of the Integrated M. Sc. Botany programme as approved in the 10th meeting of the Board of Studies of Department of Botany was placed before the School Board. The Board noted that online classes for semester I had to be started under the Covid restrictions, and that the tabled courses had been offered to the students. Considering the same, the Board accorded post-facto approval for the course structure and contents of semester I of the Integrated M. Sc. Botany programme (annexure -V).

2.4 To approve the subject experts for end-semester examinations of Integrated M. Sc. Botany.

The Board approved the panel of subject experts for end-semester examinations of Integrated M. Sc. Botany courses placed at annexure –VI.

2.5 To report the end-semester exam results of Ph.D. coursework of the five Ph.D. scholars enrolled in September 2019 (Annexure –VII).

The Board noted the end-semester examination results of Ph.D. coursework of the five Ph.D. scholars enrolled in September 2019 placed at annexure -VII

3 Approval of following recommendations of Board of Studies of Department of Botany in its 11th meeting held on 9th March, 2021. (Minutes attached at annexure -VIII).

3.1 To approve draft course structure and contents for semester X (AY 2020-21) of the Integrated B.Sc. (Hons.) and M. Sc. in Botany programme.

The course structure and contents for semester X of the Integrated B.Sc. (Hons.) and M. Sc. in Botany programme as approved in the 11th meeting of the Board of Studies of Department of Botany was placed before the School Board. The Board noted that the semester had already begun in February, with the students attending classes in the campus under the Covid SOP, and that the tabled courses were being offered to the students. Considering the same, the Board accorded approval for the course structure and contents of semester X of the Integrated B.Sc. (Hons.) and M. Sc. in Botany programme placed at annexure –IX.

3.2 To approve the draft course structure and contents for semester II (AY 2020-21) of the Integrated B.Sc. (Hons.) and M. Sc. in Botany programme consequent to adoption of CBCS guidelines.

The course structure and contents for semester II (AY 2020-21) of the Integrated B.Sc. (Hons.) and M. Sc. in Botany programme as approved in the 11th meeting of the Board of Studies of Department of Botany was placed before the School Board. Considering that the semester had just commenced, the Board accorded approval for the course structure and contents of semester X of the Integrated B.Sc. (Hons.) and M. Sc. in Botany programme placed at annexure -X.

3.3 To approve draft contents of proposed course Taxonomy of Angiosperms to be offered in semester IV (AY 2020-21) of the Integrated B.Sc. (Hons.) and M. Sc. in Botany programme.

The Board approved the course Taxonomy of Angiosperms to be offered in semester IV (AY 2020-21) of the Integrated B.Sc. (Hons.) and M. Sc. in Botany programme placed at annexure -XI.

3.4 To approve the recommendations of DRC in its meeting held on 01/02/2021.

3.4.1 Appointment of Dr. Vikas Srivastava as Ph.D. supervisor of Mr. Aksar Ali Chowdhary (Roll.no. 0151718), Ph.D. scholar 2018 batch.

Noted and approved by the Board.

3.4.2 Approval of title 'Studies on the contribution of NO and H₂S during abiotic stress in *Solanum lycopersicum*' and synopsis for Ph.D. thesis of Mr. Aksar Ali Chowdhary (Roll.no. 0151718).

Noted and approved by the Board

3.4.3 Approval of appointment of supervisors of Ph.D. scholars of 2019 batch

S. no.	Roll no.	Name	Ph.D. Supervisor
1.	0151719	Barkha Parihar	Prof. B. S. Bhau
2.	0251719	Jyoti Priya	Dr. Deepak Bhardwaj (Supervisor) and Dr. Vikas Srivastva (Co- Supervisor)
3.	0351719	Komal Sharma	Dr. Samantha Vaishnavi
4.	0451719	Shreya Proch	Prof. B. S. Bhau
5.	0551719	Skalzang Lhamo	Dr. Vikas Srivastava

Noted and approved by the Board

3.4.4 Approval of format of synopsis.

- Cover Page
- Table of Content

- iii. Abbreviations
- iv. Introduction (500-1000 Words)
- v. Review of Literature (3000 – 5000 Words)
- vi. Hypothesis / Research Question
- vii. Justification/ Relevance of Study
- viii. Objectives
- ix. Plan of Proposed Work
- x. Methodology
- xi. Expected Outcome of Research
- xii. References

Noted and approved by the Board

- 3.4.5 Approval of synopsis presentation to be of 15 minutes with maximum 15 slides, incorporating above mentioned heads.

Noted and approved by the Board

- 3.4.6 Approval of the panel of experts for various courses being offered in the current semester.

Noted and approved by the Board.

- 3.4.7 Approval of a format for submission of monthly progress report of Ph.D. scholars.

Format for monthly report submission for PhD scholar

(To be submitted in the last week of the month)

Name:	Registration Number (Year):
Thesis Title:	
Supervisor:	Month of Assessment:

1. Summary of previous months work
2. Current months report
3. Work to be done in the next month
4. Conference attended and paper presented
5. Publications (Review/ Research Article/Book Chapter)

Noted and approved by the Board

There were some general recommendations made by the external experts. Prof. S. N. Raina observed that the faculty members of Departments of Botany and Zoology should


explore the possibility of renaming the Departments as per contemporary and globally relevant trends. Prof. S. Mushtaq seconded the suggestions given by experts. Regarding the syllabi, Prof. D.R. Thakur suggested that each Department could organize curriculum development workshops involving experts from different disciplines to holistically revisit the syllabus. Prof. S. N. Raina expressed that the syllabus should be designed with a view to being globally relevant while also considering the strength and specializations available at the Departmental/School level.


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

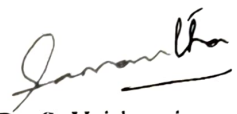
Prof. S. N. Raina
(External Expert)


Prof. Desh Raj Thakur
(External Expert)


Prof. A. K. Srivastava
(External Expert)



Dr. Richa Kothari
(Member)

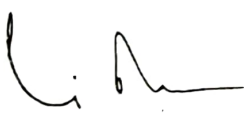

Dr. Vinay Kumar
(Member)



Dr. S. Vaishnavi
(Member)

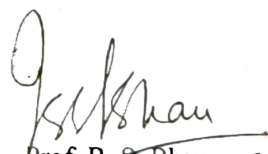

Dr. Shweta Yadav
(Member)


Dr. Shvetambri Jasrotia
(Member)


Prof. Mushtaq Ahmed
(Member) 5/4/21


Prof. Sunil Dhar
(Member)


Prof. Devanand Padha
(Member)


Prof. B. S. Bhanu
(Chairman)