

**DEPARTMENT OF LIFE SCIENCES  
CENTRAL UNIVERSITY OF JHARKHAND**

**Ranchi**

**Minutes of the 7<sup>th</sup> meeting of the Board of Studies, Department of Life Sciences (BoS-DLS), Central University of Jharkhand, Ranchi held on 10<sup>th</sup> September, 2021 at 11.00 a.m. in online mode**

Following attended the meeting:

Dr. Ashish Sachan (Chairperson *Ex-officio* and Head, Department of Life Science, Central University of Jharkhand, Ranchi)

Prof. Girdhar Kumar Pandey (Professor, Department of Plant Molecular Biology, University of Delhi, South campus, New Delhi)

Prof. Suneel Kateriya (Professor, School of Biotechnology, Jawaharlal Nehru University, New Delhi)

Prof. Bhuminath Tripathi (Professor, Department of Biotechnology, Indira Gandhi National Tribal University, Amarkantak)

Prof. A. N. Mishra (Professor, Department of Life Sciences, Central University of Jharkhand, Ranchi)

Dr. Manoj Kumar (Associate Professor, Department of Life Sciences, Central University of Jharkhand, Ranchi)

Dr. Gajendra Prasad Singh (Associate Professor, Department of Nanoscience and Technology, Central University of Jharkhand, Ranchi)

Dr. Dharmendra Singh (Associate Professor, Department of Physics, Central University of Jharkhand, Ranchi)

Dr. Hrishikesh Mahato (Assistant Professor, Department of Mathematics, Central University of Jharkhand, Ranchi)

Dr. Soumen Dey (Assistant Professor, Department of Chemistry, Central University of Jharkhand, Ranchi)

Dr. Kuldeep Bouddh (Assistant Professor, Department of Environmental Science, Central University of Jharkhand, Ranchi)

Dr. Praveen Kumar Sharma (Assistant Professor, Department of Life Sciences, Central University of Jharkhand, Ranchi)

Dr. Rajakishore Mishra (Assistant Professor, Department of Life Sciences, Central University of Jharkhand, Ranchi)

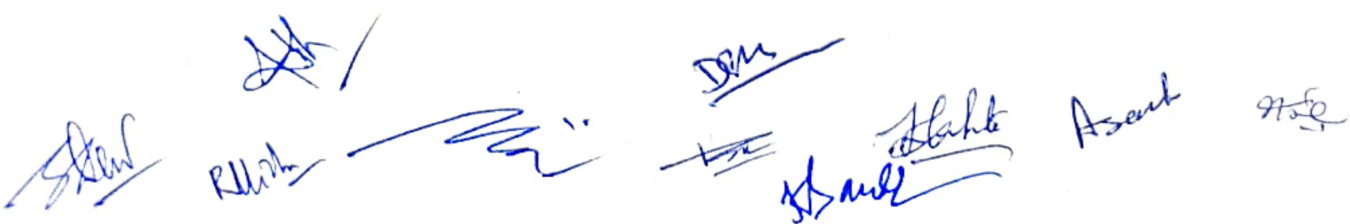
*[Handwritten signatures in blue ink: Ashish Sachan, P. Mishra, DM, Soumen Dey, Assant, H. Sachan]*

Absentees:

Prof. S. C. Yadav (Professor, Department of Computer Science and technology, Central University of Jharkhand, Ranchi

At the outset Chairperson welcomed the members and following agendas were taken up and resolutions were recorded in the meeting

Item No.	Agenda Title	Page No.
BOS-DLS: 2021/7/1	Welcome to the new members of BOS <b>Resolution:</b> Dr. Ashish Sachan graciously welcomed the new external and internal members.	
BOS-DLS: 2021/7/2	To confirm the minutes of the 6 <sup>th</sup> meeting of the BOS held on November 7, 2020. <b>Resolution:</b> The members of <b>BoS</b> confirmed the 6 <sup>th</sup> meeting of the BsS ( held on 07 <sup>th</sup> November, 2020)	Annexure 1
BOS-DLS: 2021/7/3	<b>Presentation</b> of action taken report of the 6 <sup>th</sup> meeting of the BOS. <b>Resolution:</b> The action taken reports of the 6 <sup>th</sup> meeting of the <b>BoS</b> , were noted by BOS members.	Annexure 2
BOS-DLS: 2021/7/4	<b>For Information:</b> Allotment of supervisor/s by the DRC to the PhD students admitted in 2020-21 Session. <b>Resolution:</b> The members of <b>BoS-DLS</b> recorded the information reported regarding Allotment of supervisor/s by the DRC to the PhD students admitted in 2020-21 Session. Details are appended in <b>Annexure 3</b> .  <ol style="list-style-type: none"> <li>1. Ms. Anjali Kumari (Regd. No. 20180201001)</li> <li>2. Ms. Bhagat Shashikumari Parmeshwar (Regd. No. 20180201002)</li> <li>3. Mr. Pratik Kumar Sethi (Regd. No. 20180201003)</li> <li>4. Ms. Priyanka Kumari (Regd. No. 20180201004)</li> <li>5. Ms. Riya Mari Cherian (Regd. No. 20180201005)</li> <li>6. Mr. Vivek Shit (Regd. No. 20180201006)</li> </ol>	Annexure 3
BOS-DLS: 2021/7/5	<b>For Information: Research proposals submitted by the Students (admitted in 2019-20 Session) and approved by respective RAC</b> <b>Resolution:</b> Synopsis of the following research Scholars (admitted in the year 2019) approved by their respective Research Advisory Committee (RAC), was recorded by BOS-DLS. (Tabulated details are appended in <b>Annexue 4</b> ).  Ms. Shweta (Regd. No. 19180201006) Ms. Kumari Chandrika (Regd. No. 19180201003) Ms. Tista Lata (Regd. No. 19180201012) Ms. Sunaina Ranjan Gupta (Regd. No. 19180201009)	Annexure 4



	Ms. RoseleenaMinz(Regd. No. 19180201004) Ms. Arpita Jha (Regd. No. 19180201013) Ms. Ushashi Ain (Regd. No. 19180201001) Ms. Rekha Kumari (Regd. No. 19180201005)	
BOS-DLS: 2021/7/6	<b>Agenda was removed by the chairperson from the meeting</b> , therefore no resolution was taken/ recorded	
BOS-DLS: 2021/7/7	<b>For Ratification:</b> Panel of examiners for thesis evaluation of the concerned students (Recommended by RAC and approved by competent authority). <b>Resolution:</b> BoS-DLS ratified (post-facto) the panel of examiners for thesis evaluation of the Ms. Tanushree (Regd. No. CUJ/P/2015/PHDLS/001).	<b>Annexure 5</b>
BOS-DLS: 2021/7/8	<b>Proposal to</b> Changes in the syllabus of PhD coursework in light of existing PhD ordinance of University and curriculum changes suggested by UGC and adopted by the AC of the University. <b>Resolution: BoS</b> recommended the syllabus for placing it In the AC with a change i.e. in place of "seminar" (a 2 credit course) a course on "Grant writing and Seminar"-(2 credit course)" in which a student may write a complete research proposal and present a seminar based on proposal. All other courses were approved. The modified course is placed as Annexure6a	<b>Annexure 6 and 6a</b>
BOS-DLS: 2021/7/9	<b>Proposal to</b> start of a new 4 year undergraduate program BS in Life Sciences or Biological Sciences under NEP 2020. <b>Resolution:</b> BoS recommended that the name of course may be B.Sc. in life Sciences under New Education Policy 2020 (Annexure7a). However the model of Lateral entry and Exit at multiple level and nomenclature of the Certificate/ Diploma at multiple exit may be in line with the NEP 2020 guidelines of Central University of Jharkhand.	<b>Annexure 7 and 7a</b>
BOS-DLS: 2021/7/10	<b>Proposal to consider</b> Course of proposed BS program under NEP 2020. <b>Resolution:</b> Members of BoS-DLS consider the proposal of course curriculum of B.Sc. Life Science. It is suggested that emphasis should be given on <ol style="list-style-type: none"> <li>1. Final course proposal requires more inputs and discussion and it may be achieved by email or other electronic mode.</li> <li>2. While making any suggestions it should be kept in mind that the proposed courses may enhance the skill, employability but this should not be on the cost of subject specific core competencies.</li> <li>3. Emphasis should be on small but specific lab based courses to enhance the skills of the students.</li> <li>4. After 2<sup>nd</sup> year onwards, in order to enhance the skills of students the lab work should be assigned individually and may not be taken up as a group activity.</li> <li>5. The nomenclature of Multiple exit option need to be decided as per NEP Model and also as per the guideline of the Policy as adopted by Central University of Jharkhand.</li> </ol>	

- 6. The Credit system as proposed for each semester is recommended.
- 7. The proposed Credit system and structure as attached in annexure 7a is recommended after incorporating the suggestion received from the Members (All are requested to give the suggestion in annexure 7a which will be modified as per the suggestion and then recommended for approval).

Course type	Credits	%age of course cover
Foundation Course other department	18	12.41
Foundation course within Department	15	10.34
Core course within department	27	18.62
Social sciences/language	09	06.20
Communication and writing skills	09	06.20
Subject Electives	12	08.27
Open Electives	06	04.13
Skill Enhancement (Including lab and research project)	49	33.79
Total	145	

BOS-DLS:  
2021/7/11

**Proposal to Development of Infrastructure of Animal house, including creation of post for staff and registration of Animal Ethical Committee.**

Annexure 8

**Resolution:** BoS recommended the proposal of development of Infrastructure of Animal house, creation of post for staff and registration of Animal Ethical Committee.

Post	Number
Veterinarian	One
Animal Care Taker	Two
Animal Attendant	Three

BOS-DLS:  
2021/7/12


**Proposal to Develop Green house facility for plant biotechnology, including creation of post for staff at assistant and attendant level.**

Annexure 9

**Resolution:** BoS recommended the proposal to develop green house facility in the Department of Life Sciences and also recommended the necessary manpower requirement for the operation and monitoring of the facility.

*[Handwritten signatures and initials]*

	Post	Number	
	Technical Assistant Attendant Care	One Two	
BOS-DLS: 2021/7/13	<b>Proposal for Institutional Biosafety committee registration.</b> <b>Resolution:</b> Proposal for Institutional Biosafety committee registration is recommended as per Central University of Jharkhand Rule/Guideline.		
BOS-DLS: 2021/7/14	<b>Proposal to Create infrastructure (physical and human resource) for improvement in teaching and research in the department.</b> <b>Resolution:</b> The members discussed the proposal to create infrastructure both physical and human resource as Department has proposed to offer 4 year undergraduate B.Sc. in Life Science. Members recommended the proposal for manpower (Both Teaching and Non-teaching) for smooth functioning of the department after the commencement of the program.		Annexure 10
BOS-DLS: 2021/7/15	<b>Proposal for One time grant for purchase of equipment's to be kept under CIF.</b> <b>Resolution:</b> BoS recommended the list of equipment to be kept under CIF as per annexure 11. Members also suggested that make of the equipment may be based on the on the use and durability rather than prices only. <b>The modified list of equipment is attached as annexure 11a.</b>		Annexure 11 And 11a
BOS-DLS:2021/7/16	<b>Proposal of Course content of Introductory biology for non biologists to be offered for Undergraduate students in Department of chemistry.</b> <b>Resolution:</b> BoS recommended the syllabus (with suggested incorporation) of Introductory Biology for non biologists to be offered for Undergraduate students in Department of Chemistry and other departments. Members suggested incorporating the virtual lab experiments in biological sciences as part of this course (annexure 12a).		Annexure 12 and 12 a
BOS-DLS: 2021/7/17	Any Other Matter with the permission of CHAIR 1. To consider and approve the list/panel of external examiners of all components of M.Sc. Life Science examination. <b>Resolution:</b> A panel of external examiners (list for M.Sc. Life Science courses) placed as Annexure- 13 was recommended by BoS 2. Process for registration of human ethical committee <b>Resolution:</b> Recommended by BoS, to be proceeded as per university rule. 3. Felicitation of Prof. A. N. Misra in view of his forthcoming superannuation from the department: BoS members thankfully acknowledge his contribution in the Department.		Annexure 13




The meeting ended with a vote of thanks proposed by the Dr. Rajakishore Mishra at 1:00 p.m.


Prof. G. K. Pandey

Prof. S. Kateria

Prof. B. Tripathi

  
Prof. A. N. Mishra

  
Dr. G. P. Singh

  
Dr. Manoj Kumar

  
Dr. D. Singh


  
Dr. H. Mahato

  
Dr. S. Dey

  
Dr. K. Bouddh

  
P. K. Sharma

  
Dr. R. Mishra

  
Dr. Ashish Sachan

(Chairman)