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**MINUTES OF THE MEETING OF THE 1<sup>st</sup> BOARD OF STUDIES OF THE CENTRE FOR LIFE  
SCIENCES, CENTRAL UNIVERSITY OF JHARKHAND HELD ON 9<sup>th</sup> MARCH 2015**

A meeting of the first Board of Studies of the Centre for Life Sciences, CUJ was held on 9<sup>th</sup> March 2015 at Central University of Jharkhand at 1.30pm. The committee comprises the following members.

Prof. A.N. Misra Convener & Chairperson (ex-officio)  
Prof. U.N. Dwivedi, Dept. of Biochemistry, Lucknow University, U.P. INDIA.  
Prof. Anupam Chatterjee; Dept of Biotechnology, NEHU, Shillong, INDIA.  
Prof. Prof. S. Rajagopal, Department of Plant Sciences, University of Hyderabad  
Dr. P.K. Sharma, Centre for Life Sciences, CUJ  
Dr. R. Mishra, Centre for Life Sciences, CUJ  
Prof R. K. Dey, Centre for Applied Chemistry, CUJ  
Prof. S. Medhekar, Centre for Applied Physics, CUJ  
Dr. J. Nayak, Controller of Examination, CUJ (Invited Member)  
Dr. P.K. Parida, Centre for Applied Mathematics, CUJ  
Dr. Manoj Kumar, CEVS, CUJ  
Dr. G.P. Singh, Centre for Nanotechnology, CUJ

The following deliberations have been made and appropriate decisions have been taken wherever required as described below.

1. Prof. A.N. Misra, Convener and Chairperson Board of Studies graciously welcomed all the members to the 1<sup>st</sup> meeting of the Board of studies. The Chairperson introduced the Guests (Experiential Expert Members) and all other members.
2. Appraisal of the Ordinance of the University was made by Prof. AN Misra emphasizing the Board of Studies which was constituted as per ordinance (QA-7) would stay in terms for three years and function as per its guidelines.
3. The syllabus for the ongoing session: 2010-2015; 2011-2016; 2012-2017; 2013-2018; 2014-2019 along with course content was approved post-facto by all the members.
4. The Doctoral Committee and the List of Supervisors was approved by all the members.
5. The project work of the students of 10<sup>th</sup> Semester ILS (M.Sc) is highly appreciated by the committee members and the members suggested to keep only Project Work in this semester.
6. The Doctoral Committee approved by the Centre Steering Committee of was approved by all the members.
7. The List of Supervisors to become (Ph.D. guide) was also been approved by the committee
8. The committee has suggested all those Ph.D. students who have completed the Ph.D. coursework successfully and defended their Synopsis at DRC (Doctoral Research Committee) should be recommended for their registration.
9. The committee approved these potential thrust areas for research, such as Plant Molecular Physiology, Neurosciences, Cancer Biology, Molecular Microbiology, and Developmental Biology. However the committee recommended in their Ph.D. certificates the Subject: Life Sciences should be mentioned with the title of the Thesis.
10. The committee approved the recommendations to the Centre Steering Committee, the names of respective Supervisors in the Centre to be appointed as Supervisors of Research.
11. It has been unanimously decided that the faculty members from institutes of national importance such as Central Universities, IITs and NITs be considered and included as examiners for question paper setting, answer script evaluation and Ph.D. examiner etc. The names (at least 15 external members in addition to the internal examiners) will be selected by a faculty committee meeting, CLS, CUJ.



12. The committee recommended uniformity of the Syllabus. All the courses should either have same number of Units and Credits.
13. The BOS committee also recommended increasing more practical classes and it should be increased to 40% of the total credits. The committee also suggested to include PCR, RFLP for Molecular Biology Practical. The committee also suggested to use the grasshopper testis, anther (from flowers) for meiosis experiments.
14. The committee members suggested keeping **Human Genetics** as a subject in the integrated M.Sc. Life Sciences Syllabus.
15. In the CRC committee, an external member should be included from the area of the relevant research topic assigned to the Ph.D. student.
16. The committee highly appreciated the selection of CLS under DBT BUILDER programme and to establish adequate infrastructure.
17. The committee highly appreciated the efforts undertaken by the Centre for Life Sciences to develop lab for carrying out high standard work in various frontier areas of Molecular Biology, Biochemistry and Life Sciences.
18. The committee will look into the Syllabus periodically and continuously suggest to improve it.
19. The meeting ended with a vote of thanks proposed by the chair at 3.30pm.

Prof. A.N. Mishra  
Dr. P.K. Sharma  
Prof. S. Medhekar  
Dr. G.P. Singh

Prof. U.N. Dawid  
Dr. R. Mishra  
Dr. P.K. Parida

Prof. A. Chatterjee  
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Dr. Manoj Kumar