

MINUTES OF THE MEETING OF THE 2nd BOARD OF STUDIES OF THE CENTRE FOR LIFE SCIENCES, CENTRAL UNIVERSITY OF JHARKHAND HELD ON 9th FEB 2017

A meeting of the first Board of Studies of the Centre for Life Sciences, CUJ was held on 9th Feb 2017 at Central University of Jharkhand at 9.00am. The committee comprises the following members.

- Prof. A.N. Misra Convener & Chairperson
- Prof. U.N. Dwivedi, Dept. of Biochemistry, Lucknow University, UP, India.
- Prof. Anupam Chatterjee; Dept of Biotechnology, NEHU, Shillong, India.
- Prof. S. Rajagopal, Department of Plant Sciences, University of Hyderabad, India
- 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
- 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, Convenor and Chairperson graciously welcomed all the members to the 2nd meeting of the Board of studies. The Chairperson introduced the Guests (External Expert Members) and all other members.
2. The BOS have given approval for the 2 year M.Sc. (Life Sciences) course structure and syllabus with the following modifications.
 - #1. 1st should include evolutionary biology, Biostatistics and Advanced cell biology
 - #2. Paper Bioinformatics (1st semester) may be shifted to 3rd Semester.
 - #3. Paper Biochemistry (1st semester) should be introduced (with Enzymology, Carbohydrate, Protein, Lipids, NA) with Practical.
 - #4. Paper Biophysical Chemistry (1st semester) may be shifted to 2nd Semester. Isotopes techniques should be incorporated.
 - #5. In order to give more time the students for project work (10th Semester)it should start at 9th Semester and maximum elective 2 will be given in place of 3.
 - #6. The choice of Animal sciences and Plant sciences papers, in the first semester will be abolished. All these papers should be taught to all the students.
 - #7. Basics of Biostatistics and computers applications should be included in 1st semesters.
 - #8. In the paper, Genomics Proteomics Metabolomics, in the Unit 2: Proteomics:- MS analysis of proteins and peptides may be included. Secondary metabolites may be shifted from Unit 2 to Unit 3. The methodology teaching GCMS, MS-MS, NMR may be added, Principal component analysis (PCA) of metabolites may be shifted.
 - #9. In the paper, Pathogen and Diseases the Unit 4 should be deleted.
3. The syllabus for the Integrated 5 year M.Sc. programme will be modified according to the following semester(i.e 1st is 7th Semester, 2nd is 8th Semester and 3th is 9th Semester and 4th is 10th Semester).
4. The Doctoral Committee of all the Ph.D. student has been approved by the BOS.
5. The list of Supervisors was approved by all the members.

VP

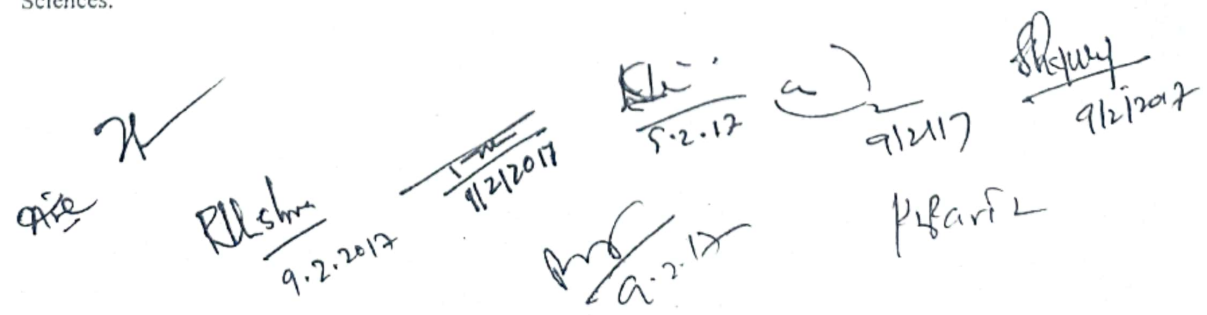
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6. List of Ph.D. Supervisors as per OA-7 (Centre for Life Sciences)
 Prof. A.N. Misra (Professor, Centre for Life Sciences, CUJ)- from the date of joining
 Dr. P. K. Sharma, Asst. Professor, Centre for Life Sciences, CUJ- from the date of joining
 Dr. R. Mishra, Asst. Professor, Centre for Life Sciences, CUJ- from the date of joining
 Dr. A. Kumar, Asst. Professor, Centre for Life Sciences, CUJ- from April 2012
 Dr. H. Firdaus, Asst. Professor, Centre for Life Sciences, CUJ- July 2013
 Dr. P. Sharma, UGC-Asst. Professor (from the date of joining)
 Dr. A. K. Panda, Inspire Faculty DST (from Feb 2016)
 Dr. B.R. Meher Asst. Professor DBT BUILDER (from the date of joining)
7. The committee has approved the registration of all those Ph.D. students who have completed the Ph.D. coursework successfully and defended their Synopsis at DRC (Doctoral Research Committee).
8. The following list of supervisor and co-supervisors have been approved by BOS.

Sl No	Name of the Ph.D. Students	Name of the Ph.D. Supervisors
1	Md. E. A. Khan (Maulana Azad National Fellow)*	Prof. A. N. Misra *Co Supervisor Dr. P. Sharma **Co Supervisor Dr. A.K Panda (DST-Inspire Faculty) ***Co Supervisor Dr. B. R. Meher (Asst Prof. DBT BUILDER)
2	Ms. K. Kachhap (Sc/ST Minority Fellow)*	
3	Ms. A. Rupashree (Inspire Fellow)**	
4	Mr. A. K. Gautam (Inspire Fellow)**	
5	Mr. S. Kumar, M.Sc***	
6	Ms. S. Abhijita (NET-LS)****	Dr. P.K. Sharma
7	Mr. Sovit Ranjan (NET-LS)	
8	Mr. K.K. Pramanik (JRF-CSIR)	Dr. R. Mishra
9	Mr. M. Alam (NET-LS)	
10	Ms Tanushree (JRF-CSIR)	
11	Ms. P. Sworupa (JRF-CSIR)	Dr. A. Kumar
12	Mr. V. P. Gandhi, M.Sc.	
13	Ms. M. Dubey, M.Sc.	Dr. H. Firdaus
14	Ms. Kumari Pragati Nanda (JRF-CSIR)	
15	Ms Rajani Singh (NET-LS) ****	Dr P. Sharma (UGC-Asst. Professor) ***Co Supervisor Prof. A.N. Misra

9. The BOS have approved all the students those who have finished 3 years and have substantial progress in with evidence of direct publication from the thesis work should submit their thesis for the award of Ph.D. degree.
10. BOS approve the time of thesis submission will be decided by the Supervisor and DRC based on work progress.
11. It is recommended by the BOS that, those students who are finishing their 5 year Ph.D. fellowship (i.e. Md. E. A. Khan and Ms. K. Kachhap) may be extended to one more year, based on the satisfactory performance suggested by the supervisor and respective DRC.
12. The committee suggested that all the practical examinations may be conducted internally.
13. 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.
14. 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.
15. 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.


 A collection of handwritten signatures and dates at the bottom of the page. The signatures include 'A.K.', 'R.K. Sharma', 'Prof.', and 'P. K. Sharma'. The dates are '9.2.2017', '11/2/2017', '9.2.17', '9/2/17', and '9/2/2017'.

- 16. The BOS will look into the Syllabus periodically and continuously suggest to improve it. The members unanimously authorize the Chairperson (Head, CLS) to go through the details as per the suggestions and do the necessary modifications as per the requirements.
- 17. The meeting ended with a vote of thanks proposed by the chair at 3. 30pm.

Prof. A.N. Misra

Prof. U.N. Dwivedi

Prof. S. Rajagopal

Dr. P.K. Sharma

Dr. R. Mishra

Prof R. K. Dey

Prof. S. Medhekar

Dr. P.K. Parida

Dr. Manoj Kumar

Dr. G.P. Singh