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MINUTES OF MEETING OF THE 2ND BOARD OF STUDIES (OF 2ND CONSTITUTED BOARD) OF THE DEPARTMENT OF CHEMISTRY, CENTRAL UNIVERSITY OF JHARKHAND HELD ON 23RD OCTOBER 2019.

A meeting of the 2nd Board of Studies (of 2nd Constituted Board) was held on 23rd October 2019 at Central University of Jharkhand at 11.30 A.M.. Following members were Present:

1. Dr. Arun Kumar Padhy, Head, Department of Chemistry, and Chairperson (ex-officio), CUJ
2. Prof. Ratan Kumar Dey, Professor, Department of Chemistry, CUJ
3. Dr. R.K. Patel, Professor, Department of Chemistry, NIT, Rourkela, External Expert Member
4. Dr. Usha Jha, Professor, Department of Chemistry, BIT, Mesra, Ranchi, External Expert Member
5. Dr. Balaram Patra, CEO, GRK Laboratories, Hyderabad, External Expert Member
6. Dr. Manoj Kumar, Professor & Head/Dean, Deptt. of Environmental Studies, Prof I/C/ Acad, CUJ, Nominated Member
7. Dr. Manoj Kumar, Associate Professor, Head, Department of Life Science, Member
8. Dr. Prabhudev Kurle, Controller of Examinations, CUJ, Invited Member
9. Dr. G.P. Singh, Associate Professor, Deptt of Nanoscience & Technology, Nominated Member
10. Dr. Dharmendra Singh, Asst. Prof. (II), Deptt. of Physics, Nominated Member
11. Dr. P.K. Parida, Asst Prof. (II), Deptt of Mathematics, Nominated Member,
12. Dr. S.C. Yadav, Head, Deptt. of Computer Sc. & Tech, Nominated Member
13. Dr. Soumen Dey, Asst Prof., Deptt of Chemistry, Member
14. Dr. Vimal Kishore, Head, Deptt. of Education, Invited Member
15. Dr. Ratnesh Viswakasan, Associate Professor, Dean, School of Languages, Invited Member

Following deliberations have been made and appropriate decisions have been taken wherever required as described below:

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iii) The department may start B.Sc. course (Three years Degree Course) and follow the LOCF course curriculum prescribed by UGC subject to the availability of the infrastructure and faculty members.

Resolution: All existing syllabus and minor revisions made in the syllabi and its course content for the ongoing 2015-20 and 2016-21 courses is also approved by all the members. The members also agreed to start the B.Sc. program only when the infrastructure facility and requisite faculty members in the department.

7. Dr. Soumen Dey, Assistant Professor, Department of Chemistry, presented the postgraduate syllabus M.Sc. (2 years) course structure which started in the year 2016-17. Prof. R.K.Dey appraised about the MOOC course and its position in M.Sc. curriculum.

The course content was fully discussed by all members. Following discussion was made:

Resolution:

The committee appreciated the efforts taken by the department. Further, all the expert members are of the opinion that the courses may please be reviewed in order to fit into the total number of contact hours. The courses running for the current batches are approved. Also, the same may please be modified as per MOOC/LOCF curriculum with due course of time.

With respect to the 4th semester project all are of the opinion that it should be given more emphasis. Thus, care must be taken to only keep elective courses/MOOC courses and enhancing the project credit. Other items are accepted in principle. All the experts are of the opinion that the summer internship should be of 2 months duration and 2 credit should be assigned if the approving bodies accept the suggestion.

8. The syllabus for Ph.D. Coursework and its content was presented to the Board members. The discussion and resolution are as follows:

i) It is discussed that the Ph.D. curriculum has been designed in such manner that it would reflect the area of expertise of each faculty member, so that the research scholars get benefit from the specialized course.

ii) The committee approves the ongoing syllabi and its content of Ph.D. course work.

Resolution: The committee suggested that the Ph.D. students can take Research Methodology paper from MOOC course. Other than all other courses are in accordance of the Ph.D. areas in which the department has expertise.

9. The doctoral committee for various Ph.D. students was examined and unanimously recommended for approval by all the members. It was however pointed in general that the

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topic of research is to be generic while the title of the thesis should be stated at least 6 months before submission and the approval to be made through appropriate bodies/procedure.

10. The committee recommends and approves the list of Ph.D. students and their supervisors and topic of research for all the students enrolled in the year 2014-15, 2015-16, 2016-17, and 2017-18. The RAC/DRC formation is also approved.

11. The committee noted the RAC/DRC recommendation for following Ph.D. Students:

i) Ms. Roshni Kumari- () – regarding approval of her Ph.D. thesis examiners and conduct of pre-thesis followed by thesis submission

ii) Ms. Kuasar waris Hayat- ()- regarding her resignation from doing Ph.D. in CUJ

Resolution: The Board members noted all steps taken by the RAC/DRC members and hence unanimously approve the recommendation of RAC/DRC which is as per the procedure.

Further, Board members also approved all the minutes of meeting of RAC/DRC for existing Ph.D. students.

Board also noted award/submission of Ph.D. thesis of all 2013 batch, 2014 batch and 2015 batch admitted scholars. Board members highly appreciated the steps taken by the Department to encourage Ph.D..

Further, Board members also recommended to enhance the number of Ph.D. admission in the Department by conducting PhD entrance test at least two times a year. This will be helpful in enhancing Research Activities required for the Department.

It is also suggested that external candidates/scholars who have NET/JRF and received fellowship from Govt. and other sources for carrying out PhD may be given chances throughout the year for joining PhD programme. However, they have to clear the course work within the stipulated time period as per the norms of UGC/University.

It is also suggested to encourage PhD registration from industry by incorporating suitable provisions (such as MoU) in PhD regulation so that industrial participation may be increased. However, care may be taken to adhere to quality research work in consonance with UGC regulation/advice from time to time.

12. The Board of studies members examined and approved the list of examiners of Mr. M. Suresh and Ms. Anusuya Kumari, Ms. Neha Singh, and Ms. Jhilirani Mohanta presented in sealed cover by the Head of the Department.

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13. The Board members extensively discussed about semester examinations currently conducted by the university. It has been unanimously decided that faculty members from institutes of National importance such as IITs and NITS, Central and State Universities be considered and included as examiners for question paper setting, answer script evaluation, Ph.D. examiner etc.. As such the committee noted various preactical examinations conducted from time to time by Department in presence of external examiners from various universities and institutes of repute with the approval of the authorities.

14. The committee discussed about the introduction of Integrated PhD course (5year: 2year M.Sc. and 3 year PhD) and agreed to the proposal. It is suggested that students may be inducted at M.Sc. through entrance and students can further pursue PhD without appearing separate PhD entrance in the same university with a provision that Research Methodology must have been taught at M.Sc. level.

As the matter was referred back to be reviewed by BoS, all the learned members are of the opinion that as per UGC norms M.Phil students are eligible to join Ph.D. program without qualifying entrance examination, then there is no problem for Integrated Ph.D. program where the students will be obtain the appropriate training from the same university.

15. The committee discussed the list of various vocational courses proposed to be conducted by the Department. The committee noted that all such courses are in line with the suggestion made by UGC, regarding implementation of vocational courses by universities. It is suggested that to form a committee of faculty members with external expert members from allied Departments of CUJ and expert members from nearby industry, Institution of repute and hence to finalize appropriate course content, student strength desired for admission, course fees, etc.. Department may sought fund initially from university or external funding agency like UGC, DST or appropriate funding agency of Govt. of India to procure some basic facilities/instruments needed for such courses. Additional faculty members, infrastructural facilities may also be sought from appropriate bodies/university for this purpose. The committee praises the intitation taken up by the Department.

16. The committee highly appreciates the efforts undertaken by the Department of Chemistry in designing the course curriculum and efforts of faculty members towards all-together development of academics in the Department. Further, all the experts emphasized on the laboratory and project work is important from student prespective point of view. Hence as per precedence of providing 5lakh to the department for procurement of chemicals and glasswares. Further, each student may please be provided to each student for carrying out their project work in the final semester.

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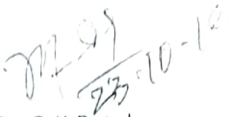
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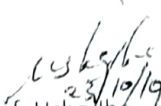
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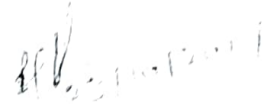
17. All the members are unanimously agreed to open the B.Sc. (3 Year) and/or B.S. (4 year) courses. However, infrastructure facility may please be developed suitably.

17. The meeting endedd with vote of thanks proposed by Dr. G.P.Singh.


Prof. Ratan Kumar Dey


Dr. R.K. Patel

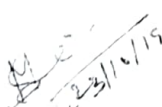

Prof. Usha Jha


Dr. Balaram Patra

External Member

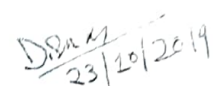
External Member

External Member


Prof. Manoj Kumar

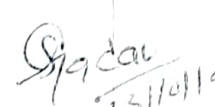

Dr. Manoj Kumar

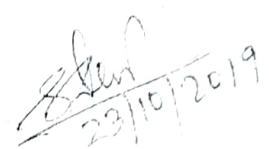

Dr. G.P. Singh


Dr. D. Singh


Dr. Prabhudev Kurle,

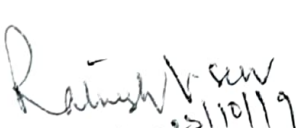

Dr. P.K. Parida


Dr. S.C. Yadav


Dr. Soumen Dey

COE


Dr. Vimal Kishore


Dr. Ratnesh Vistakesan


Dr. Arun Kumar Padhy