

Minutes of 2nd Boards of School Meeting for the School of Natural Sciences (SNS)

Central University of Jharkhand (CUJ), Ranchi

Date of meeting: 12.10.2017

The 2nd Boards of School meeting of the School of Natural Sciences was held on 12.10.2017 at CUJ. The Following Members attended the meeting.

1. Prof. R.K.Dey, Dean, SNS, Chairman
2. Prof. Usha Jha, Dept of Chemistry, BIT, Mesra, External Member
3. Prof. D.K.Gupta, Dept. of Mathematics, IIT, Kharagpur, External Member
4. Prof. J.V.V.Dogra, Dept of Life Science, Ex-VC, Bhagalpur University, External Member
5. Prof. B.K.Singh, Dept of Physics, BHU, External Member
6. Prof.S.Medhekar, Head, CAP, Member
7. Dr.S.Bhattacharji, Dean, School of Language, Member
8. Dr.Manoj Kumar, Head, CEVS, Member
9. Dr.Arun Kumar Padhy, CAC, Member
10. Dr. Jagmohan Tanti, Coordinator, CAM, Member
11. Dr.R.K.Mishra, Coordinator, CLS, Member
12. Dr.Soumen Dey, CAC, Member
13. Dr. P.K.Parida, CAM, Member
14. Dr. A.Ghosh, CAP, Member
15. Dr. G.P.Singh, CNT, Member

The meeting started with welcoming note from Dean, School of Natural Sciences to all external members as well as internal members from various schools of CUJ.

The Dean (SNS) expressed his deep sense of gratitude for presence of all members in the meeting.

It is also submitted that Dr.Sucheta Sen Chaudhury, Dean, School of Culture could not attend the meeting for some other assignments (for which she has also given prior information to Dean of the SNS) – this is informed to all members.

Dean, SNS also individually welcomes all other members from various centres of CUJ who has attended the meeting.

Since the quorum of the board is fulfilled, the following presentation and discussions were made:

- (1) Brief Introduction about all Centres of the School: The Dean briefed the members regarding the establishment of Centre for Applied Chemistry, Centre for Applied Physics, Centre for Life Science, and Centre for Applied Mathematics and given brief introduction about academic and research activities of the centres. The respective Centre Head and Coordinators also briefly presented the academic activities of the Centres during last one year.
- (2) Briefing about the University Ordinance – Dean, SNS read out the university ordinance and the relevant clause regarding constitution, quorum and function of the BoS. Thus it is appraised that the present BoS fulfills the quorum requirement to conduct the meeting.

After the above briefing, the agenda items were taken up:

Agenda item 1:

Confirmation of minutes of 1st Board of School: The Dean as well as Centre Head/Coordinators of CAM, CAP, CLS and CAC apprised the Board regarding the minutes of the 1st school board and regarding incorporation of minor revisions undertaken as per the suggestions made by the members and the revisions have been duly incorporated in the course content and syllabus.

Resolutions: Since no further comments were received, the minutes of 1st Board of School was confirmed.

Agenda item 2:

Matter placed by Coordinator/CLS regarding Board of Studies recommendations and discussion on the matter:

- (i) The committee discussed the following matters as recommended by board of studies of the centre for life science and resolute as follows:
 - (a) The course structure as well as revision suggested for 5 year integrated course is accepted by school board member.
 - (b) The course structure recommended for 2 year M.Sc. course is also accepted. However, the school board advised to give more scope to introduce compulsory/optional interdisciplinary courses (for incorporation of UGC directive issued from time to time to introduce various allied

courses). The credit requirement is advised to keep uniform as far as practicable i.e., 16 to 20 credit per semester is advised.

- (c) PhD guidance of UGC-FRP, DST-INSPIRE and DBT-Builder programme faculty members:

The board extensively discussed the recommendation of Centre Board of Studies regarding the matter of PhD guidance by UGC-FRP and DST-INSPIRE faculty members. As informed to the board that the matter is also discussed in academic council and Executive Council of the university, it is suggested to adhere to the directive made by the Executive Council in this regard.

Regarding PhD guidance by Asst.Prof. joined under DBT-builder programme - the matter was discussed at length by the board members. During the discussion, it was informed to the board members that the Asst.Prof. joined under DBT-Builder programme is having fixed contract period (i.e.5 years) as well as they are receiving consolidated amount of salary, which is not in regular scale as that of Asst.Prof. joined in regular mode. Hence, it is suggested that, for the time being, the Asst.Prof. joined under DBT-builder programme may not be given the Supervisor and/or Co-supervisorship of PhD students currently enrolled in CLS. However, they may supervise master degree students. However, the matter may be placed before competent authority and academic bodies for more discussion and decision on the matter.

- (d) The board noted the PhD course structure and content.
- (e) The board noted the PhD students currently enrolled in CLS, topic of research as well as the supervisors/co-supervisors recommended by Centre Board.
- (f) The board noted the RAC/DRC formed in accordance with PhD regulation in force.
- (g) The Board suggested revising the RAC/DRC member list in accordance with the incorporation of new members in place of DBT-builder programme faculty members. The Center Head/Coordinator are advised to take follow up step in this regard and place the matter in Centre Board of Studies for their recommendation.
- (h) The list of examiner(s) placed in sealed cover for PhD thesis submission application (which is placed by Centre Coordinator) is seen by the external members and after due recommendation of the same, the list is handed over to Dean/SNS in sealed cover.
- (i) The examiner list suggested by centre board for conducting various practical exam in semester is approved.
- (j) The requirement of additional faculty members by CLS is also noted and recommended to enhance the faculty strength to 12 (from current faculty strength of 7).

- (k) The requirement of various labs and lab equipment and introduction of new practical is also noted.
- (l) In the light of above modifications which need to be incorporated, all other suggestions/recommendations made by Centre Board is accepted and recommend the matter for further placing the matter in academic council and other competent authorities/bodies as per procedure.

Agenda item 3:

Matter placed by Coordinator/CAM regarding Board of Studies recommendations and discussion on the matter:

- a. The course structure as well as revision suggested for 5 year integrated course is accepted by school board member.
- b. The course structure recommended for 2 year M.Sc. course is also accepted. However, the school board advised to give more scope to introduce compulsory/optional interdisciplinary courses (for incorporation of UGC directive issued from time to time to introduce various allied courses). The credit requirement is advised to keep uniform as far as practicable i.e., 16 to 20 credit per semester is advised.

Specific remarks are:

- 1. 4th semester MSc. projects of 8 credits may be divided as: 2 credits in 3rd semester as seminar and literature survey and 6 credits 4th semester.
- 2. Uniform grading system should be applied throughout all the departments of the university.
- c. The board noted the PhD course structure and content.

Specific advice: Research Methodology paper should be of 4 credits.

- d. The board noted the PhD students currently enrolled in CAM, topic of research as well as the supervisors/co-supervisors recommended by Centre Board.
- e. The board noted the RAC/DRC formed in accordance with PhD regulation in force.
- f. PhD Thesis submission of Mr. Himanshu Kumar is noted.
- g. PhD Pre-thesis submission seminar of Ms. Shwet Nisha is noted.
- h. The list of examiner(s) placed in sealed cover for PhD thesis submission application (which is placed by Centre Coordinator) is seen by the external

members and after due recommendation of the same, the list is handed over to Dean/SNS in sealed cover.

- i. The examiner list suggested by centre board for conducting various practical exam in semester is approved.
- j. The requirement of additional faculty members by CAM is also noted and recommended to enhance the faculty strength to 12 (from current faculty strength of 7) to take care of Statistics and for Mechanics/Fluid Mechanics paper in addition to other papers.
- k. The requirement of various labs and lab equipment and introduction of new practical is also noted as applicable to mathematics.
- l. In the light of above modifications which need to be incorporated, all other suggestions/recommendations made by Centre Board is accepted and recommend the matter for further placing the matter in academic council and other competent authorities/bodies as per procedure.

Agenda item 4:

Matter placed by Head/CAC regarding Board of Studies recommendations and discussion on the matter:

(ii) The committee discussed the following matters as recommended by board of studies of the centre for applied chemistry and resolute as follows:

(m) The course structure as well as revision suggested for 5 year integrated course is accepted by school board member.

(n) The course structure recommended for 2 year M.Sc. course is also accepted. However, the school board advised to give more scope to introduce compulsory/optional interdisciplinary courses (for incorporation of UGC directive issued from time to time to introduce various allied courses). The credit requirement is advised to keep uniform as far as practicable i.e., 16 to 20 credit per semester is advised.

(o) PhD guidance of UGC-FRP faculty members:

The board extensively discussed the recommendation of Centre Board of Studies regarding the matter of PhD guidance by UGC-FRP faculty members. As informed to the board that currently CAC has two UGC-FRP Asst.Profs. and they have been given Co-supervisorship for PhD guidance which was also recommended by the Board of Studies of the Centre in accordance with UGC letter in this regard. Since it is informed that the matter is also discussed in academic council and Executive Council of the university, it is suggested to adhere to the directive made by the Executive Council in this regard.

- (p) The board noted the PhD course structure and content with minor revision and suggested to incorporate more optional courses as per faculty expertise.
- (q) The board noted the PhD students currently enrolled in CAC, topic of research as well as the supervisors/co-supervisors recommended by Centre Board.
- (r) The board noted the RAC/DRC formed in accordance with PhD regulation in force.
- (s) The Board noted the PhD award of Ms. Pallavi Kumari and also notification for pre-submission seminar of following PhD scholars: Nadish Saba, Prajna Mishra, Samba Shivaya and Simpi B. Patel.
- (t) The Board noted the PhD admission of new batch of students in 2016 and the allotment of their supervisor/co-supervisor by Center Board of Studies. It is informed that one co-supervisor from IIP (Dr.Raja Ram Bal) is adopted in an interdisciplinary topic of research of Ms.Subhashree Mishra, currently under guidance of Prof.R.K.Dey,CAC which is in accordance with MoU signed with IIP and current in force.
- (u) The list of examiner(s) placed in sealed cover for PhD thesis submission application (which is placed by Centre Head) is seen by the external members and after due recommendation of the same, the list is handed over to Dean/SNS in sealed cover.
- (v) The examiner list suggested by centre board for conducting various practical exam in semester is approved.
- (w) The requirement of additional faculty members by CAC is also noted and recommended to enhance the faculty strength to 12 (from current faculty strength of 7).
- (x) The requirement of various labs and lab equipment and introduction of new practical is also noted.
- (y) In the light of above modifications which need to be incorporated, all other suggestions/recommendations made by Centre Board is accepted and recommend the matter for further placing the matter in academic council and other competent authorities/bodies as per procedure.

Agenda item 5:

Matter placed by Head/CAP regarding Board of Studies recommendations and discussion on the matter:

- (a) The committee discussed the following matters as recommended by board of studies of the centre for applied physics and resolute as follows:

- (b) The course structure as well as revision suggested for 5 year integrated course is accepted by school board member.
- (c) The course structure recommended for 2 year M.Sc. course is also accepted. However, the school board advised to give more scope to introduce compulsory/optional interdisciplinary courses (for incorporation of UGC directive issued from time to time to introduce various allied courses). The credit requirement is advised to keep uniform as far as practicable i.e., 16 to 20 credit per semester is advised.

(d) PhD guidance of UGC-FRP faculty members:

The board extensively discussed the recommendation of Centre Board of Studies regarding the matter of PhD guidance by UGC-FRP faculty members. Since it is informed that the matter is also discussed in academic council and Executive Council of the university, it is suggested to adhere to the directive made by the Executive Council in this regard.

- (e) The board noted the PhD course structure and suggested to incorporate more optional courses as per faculty expertise.
- (f) The board noted the PhD students currently enrolled in CAP, topic of research as well as the supervisors/co-supervisors recommended by Centre Board.
- (g) The board noted the RAC/DRC formed in accordance with PhD regulation in force.
- (h) The Board noted the award of PhD under the supervision of Prof.S.Medhekar and also noted notification for pre-submission seminar/submission of thesis by other PhD students.
- (i) The list of examiner(s) placed in sealed cover for PhD thesis submission application (which is placed by Centre Head) is seen by the external members and after due recommendation of the same, the list is handed over to Dean/SNS in sealed cover.
- (j) The examiner list suggested by centre board for conducting various practical exam in semester is approved.
- (k) The requirement of additional faculty members by CAP is also noted and recommended to enhance the faculty strength to 12 (from current faculty strength of 7).
- (l) The requirement of various labs and lab equipment and introduction of new practical is also noted.
- (m) In the light of above modifications which need to be incorporated, all other suggestions/recommendations made by Centre Board is accepted and recommend the matter for further placing the matter in academic council and other competent authorities/bodies as per procedure.

All the external members and members joined from various schools/centres of CUJ deeply praised all centre heads, coordinators and faculty members for their dedication and sincerity in propagating the academic activities despite of various

infrastructural limitations currently faced in temporary campus of CUJ. It is also understood that students from various centres of the School of Natural Sciences are also able to compete nationally and joined various PhD programme of nationally reputed institutes.

The sincere and dedicated efforts by all faculty members of school to enhance the standard of education and research activities are acknowledged by board members.

Vote of Thanks:

Dr. Manoj Kumar, Head, CEVS rendered the vote of thanks to all external members as well as internal members from CUJ for their commitment to join the academic progress of the Centre(s) and school. He thanked all members for their sincerity in attending all the board meetings and their kind advice which is helpful to render quality education.

The meeting ended with thanks to Hon'ble Vice-Chancellor Prof. Nand Kumar Yadav "Indu" for his keen interest in propagating the progress of various centres as well as his kind permission to conduct the meeting.

Signature of the Members:

Prof. Usha Jha, Dept of Chemistry, BIT, Mesra, External Member

Prof. D.K.Gupta, Dept. of Mathematics, IIT, Kharagpur, External Member

Prof. J.V.V.Dogra, Ex-VC, Bhagalpur University, External Member

Prof. B.K.Singh, Dept of Physics, BHU, External Member

Prof. S. Medhekar, Head, CAP, Member

Dr. S. Bhattacharji, Dean, School of Language, Member

Dr. Manoj Kumar, Head, CEVS, Member

Dr. Arun Kumar Padhy, CAC, Member

Dr. Jagmohan Tanti, Coordinator, CAM, Member

Dr. R.K. Mishra, Coordinator, CLS, Member

Dr. Soumen Dey, CAC, Member

Dr. P.K. Parida, CAM, Member

Dr. A. Ghosh, CAP, Member

Dr. G.P. Singh, CNT, Member

Prof. R.K. Dey
(Chairman)