

# Central University of Punjab

Ref: no.:-

Dated: 14-6-2021

**Subject: Minutes of the meeting of School Board of School of Basic Sciences**

The following agenda items were considered for the meeting of School Board of School of Basic Sciences held on June 14, 2021 at 10:00 AM through Google Meet:

1. To review and approve the minutes of the Board of Studies of the Department of Applied Agriculture for academic session 2021-22.
2. To review and approve the minutes of the Board of Studies of the Department of Botany for academic session 2021-22.
3. To review and approve the minutes of the Board of Studies of the Department of Chemistry for academic session 2021-22.
4. To review and approve the minutes of the Board of Studies of the Department of Computational Sciences for academic session 2021-22.
5. To review and approve the minutes of the Board of Studies of the Department of Mathematics and Statistics for academic session 2021-22.
6. To review and approve the minutes of the Board of Studies of the Department of Microbiology for academic session 2021-22.
7. To review and approve the minutes of the Board of Studies of the Department of Physics for academic session 2021-22.
8. To review and approve the minutes of the Board of Studies of the Department of Zoology for academic session 2021-22.
9. To review and approve the minutes of the Board of Studies of the Department of Biochemistry for academic session 2021-22.

**Resolution:** The School Board Members discussed the agenda, gave suggestions and resolved to recommend the following:

**Item No. 1:** The BoS resolved to authorize HoD to approve the list of visiting faculty and external experts to evaluate Masters' dissertation. The department was advised to get the list of visiting faculty and external experts approved by their BoS. Prof. Rajeev Kumar Puri asked about the progression of the students graduating in the department. Dr. Khetan provided information regarding job placement, higher studies and NET qualified students which was appreciated by the members. It was resolved to approve the minutes of the Board of Studies of the Department of Applied Agriculture with reference to all other agenda items.

**Item No. 2:** Prof. D. S. Pandey requested to give details about the National and International collaborations from the faculty members of the Department of Botany. In response to this, Dr. Felix Bast and Dr. Vinay provided the required information regarding the same. It was resolved to approve the minutes of the Board of Studies of the Department of Botany.

**Item No. 3:** Prof. D. S. Pandey requested to give detailed information about the achievements of the department of Chemistry. Dr. Vinod Kumar provided information about research funding, publications, collaborations and student achievements, which was appreciated by the members. The agenda item regarding reduction of seats in M.Sc. and limiting the number of students per guide, which was passed in BoS was discussed. Prof. Rajeev Kumar Puri suggested that there should be emphasis on quality publications by M.Sc. students. It was resolved to approve the minutes of the Board of Studies of the Department of Chemistry except the agenda item on the reduction of seats in M.Sc. and limiting the number of students per guide.

*Handwritten signatures and initials at the bottom of the page, including names like 'M.A.', 'A/C', 'SMB', and others.*

Item No. 4: Prof. D. S. Pandey, Prof. Rajeev Kumar Puri, Prof. Nand Lal Singh and other members suggested that the faculty of Physics and Chemistry departments should be involved in teaching of Computational Physics and Computational Chemistry courses. The possibility of conducting common classes should be explored. It was also suggested to map the future syllabus of their courses with revised UGC NET curriculum. It was resolved to approve the minutes of the Board of Studies of the Department of Computational Sciences.

Item No. 5: It was resolved to approve the minutes of the Board of Studies of the Department of Mathematics and Statistics.

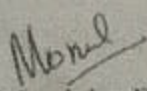
Item No. 6: Prof. Pratyoosh Shukla suggested to include agriculture/food microbiology components in the syllabus of PhD course work to have a broad overview of microbiology subject as a whole. He also suggested to have bio-business idea as one of the exercises in Entrepreneurship course and to add a few young and active people as visiting scientists who can contribute significantly. These suggestions can be discussed and implemented in the next BoS. It was resolved to approve the minutes of the Board of Studies of the Department of Microbiology.

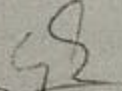
Item No. 7: The external experts suggested that there should be academic collaborations and coordination among Physics, Chemistry and Computational Sciences departments for teaching and other activities. It was resolved to approve the minutes of the Board of Studies of the Department of Physics.

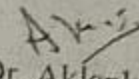
Item No. 8: Prof. Pratyoosh Shukla suggested that it will be helpful for the students to take a course related to microbiota and microbiology related to animals. The department can give more options to students to take microbiology courses. It was resolved to approve the minutes of the Board of Studies of the Department of Zoology.

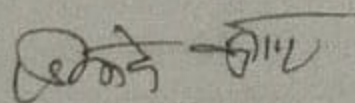
Item No. 9: Prof. Ramakrishna Wusirika, HoD, Biochemistry and Dr. Manju Jain provided information about research funding, publications, National and International collaborations and student achievements of the department of Biochemistry. Prof. D. S. Pandey suggested that Research Methodology and Computational Applications should be taught as a common course encompassing multiple departments and visiting faculty should be engaged for teaching some courses where expertise may not be available with a specific department. The external experts were informed that these suggestions will be implemented in future. It was resolved to approve the minutes of the Board of Studies of the Department of Biochemistry.


All these resolutions (Item 1 to 9) are recommended by the School Board of School of Basic Sciences for its approval by the Academic Council of the university.


  
Prof. Monisha Dhiman  
HoD, Microbiology

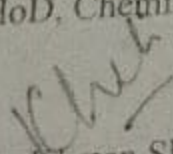
  
Prof. Gauree Shankar  
HoD, Mathematics & Statistics

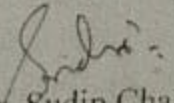
  
Dr. Akank Jain  
HoD, Dept. of Zoology

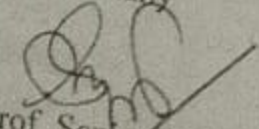
  
Dr. Vinod Kumar  
HoD, Chemistry


  
Dr. Prashant Alegaonkar  
HoD, Physics

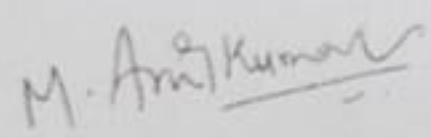
  
Dr. Felix Bast  
HoD, Botany

  
Dr. Khetan Shevkani  
Applied Agriculture


  
Dr. Sudip Chakraborty  
HoD(O), Computational Sciences

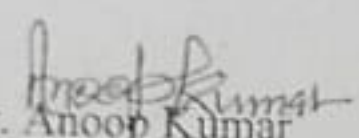
  
Prof. Sanjeev Thakur  
Botany

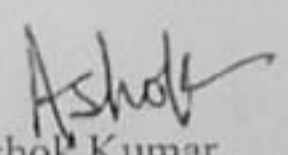
  
Prof. Rajesh Kumar  
Chemistry

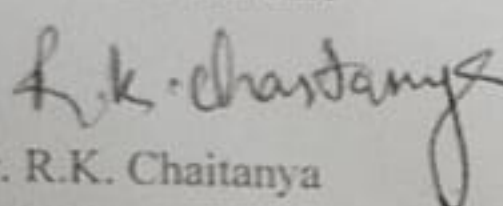
  
Prof. Anil Mantha  
Zoology

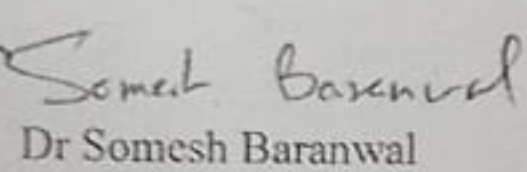
Prof. S.K. Mahapatra  
Physics

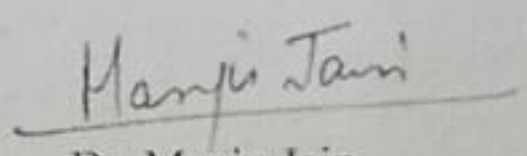
  
Dr. Sandeep Singh  
Human Genetics and  
Molecular Medicine

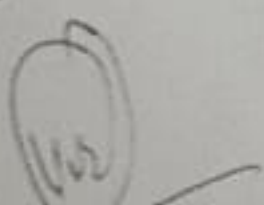
  
Dr. Anoop Kumar  
Mathematics & Statistics

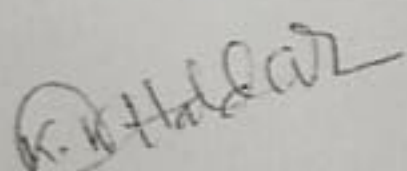
  
Dr. Ashok Kumar  
Physics

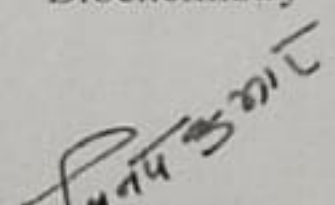
  
Dr. R.K. Chaitanya  
Zoology

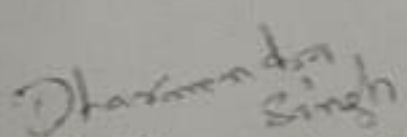
  
Dr. Somesh Baranwal  
Microbiology

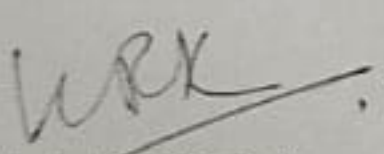
  
Dr. Manju Jain  
Biochemistry

  
Dr. Virender Singh  
Chemistry

  
Dr. K.K. Haldar  
Chemistry

  
Dr. Vinay Kumar  
Botany

  
Dr. Dharmendra Singh  
Computational Sciences

  
Prof. Ramakrishna Wusirika  
Chairperson, School Board  
HoD. Biochemistry  
Dean, School of Basic Sciences

### External Experts

Prof. Daya Shankar Pandey  
Dept. of Chemistry  
Banaras Hindu University  
Varanasi

Prof. Nand Lal Singh  
Dept. of Physics  
M. S. University of Baroda  
Vadodara

Prof. Rajeev Kumar Puri  
Dept. of Physics  
Panjab University, Chandigarh

Prof. Pratyosh Shukla  
School of Biotechnology  
Banaras Hindu University  
Varanasi