

Central University of Punjab

Ref no:

Dated: 30-5-2022

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 May 30, 2022 at 11:00 AM:

1. To review and approve the minutes of the Board of Studies of the Department of Applied Agriculture for academic session 2022-23.
2. To review and approve the minutes of the Board of Studies of the Department of Biochemistry for academic session 2022-23.
3. To review and approve the minutes of the Board of Studies of the Department of Botany for academic session 2022-23.
4. To review and approve the minutes of the Board of Studies of the Department of Chemistry for academic session 2022-23.
5. To review and approve the minutes of the Board of Studies of the Department of Computational Sciences for academic session 2022-23.
6. To review and approve the minutes of the Board of Studies of the Department of Mathematics and Statistics for academic session 2022-23.
7. To review and approve the minutes of the Board of Studies of the Department of Microbiology for academic session 2022-23.
8. To review and approve the minutes of the Board of Studies of the Department of Physics for academic session 2022-23.
9. To review and approve the minutes of the Board of Studies of the Department of Zoology for academic session 2022-23.

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

**Item No. 1:** It was resolved to approve the minutes of the Board of Studies of the Department of Applied Agriculture.

**Item No. 2:** It was resolved to approve the minutes of the Board of Studies of the Department of Biochemistry.

**Item No. 3:** Prof. Pratyosh Shukla suggested to merge two courses namely Algal Biotechnology and Cyanobacterial Biotechnology into one course. It was also suggested to add value addition, bio-remediation & cyanobacterial toxins in the course. It was resolved to approve the minutes of Board of Studies of Department of Botany.

**Item No. 4:** The proposal of international internship to M.Sc. students to conduct the dissertation in abroad was discussed. It was resolved that the same may be allowed on case-by-case basis after approval by the competent authority 'without any financial liability for the university'. It was resolved to approve the minutes of the Board of Studies of the Department of Chemistry.

Monil  
 Dharmendra  
 Manjinder  
 30/5/2022  
 K. V. D.  
 M. Anil Kumar  
 30/5/2022  
 S. J. Singh  
 Somjit Bano  
 Ashok  
 30/5/2022

**Item No. 5:** The following suggestions were made by Prof. Pratyoosh Shukla:

- To add Artificial Intelligence based tools in the syllabus.
- Course Title of the course Big data Analysis in Bioinformatics and Healthcare be modified
- Value Added Course - Physics in Daily Life may be removed from the course list of VAC offered by the Department as the same course is being offered by Department of Physics.
- Unit III and IV of Entrepreneurship need to be modified with inclusion of Computational Science.

It was resolved to approve the minutes of the Board of Studies of the Department of Computational Sciences.

**Item No. 6:** It was resolved to approve the minutes of the Board of Studies of the Department of Mathematics and Statistics.

**Item No. 7:** Prof. Pratyoosh Shukla suggested to include Mycology in Medical Microbiology. It was also suggested to add Soil Microbiology as component. The content of Microbial Biotechnology should include Quality by Design (QBD) and other core components of Microbial Biotechnology. It was resolved to approve the minutes of the Board of Studies of the Department of Microbiology.

**Item No. 8:** It was resolved to approve the minutes of the Board of Studies of the Department of Physics.

**Item No. 9:** Prof. Pratyoosh Shukla and Dean Incharge Academics suggested to remove 'Advanced Concepts in' from the title of the units of ZOL.702 and reframe the syllabus as per the research mandate of the department. It was resolved to approve the minutes of the Board of Studies of the Department of Zoology.

The resolutions of the above items are recommended for approval to the Academic Council.

Prof. Monisha Dhiman  
HoD, Microbiology

Prof. Gauree Shankar  
HoD, Mathematics & Statistics

M. Anilkumar  
30/5/2022

Prof. Anil Mantha  
HoD, Dept. of Zoology

Dr. Vinod Kumar  
HoD, Chemistry

Dr. Prashant Alegaonkar  
HoD, Physics

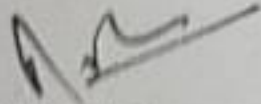
Anamika  
30/5/2022

Prof. Anjana Munshi  
HoD, Applied Agriculture

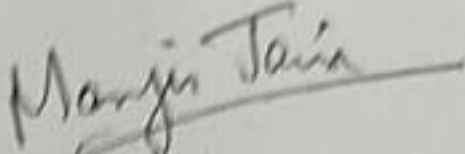
Dr. Khetan Shevkani  
Applied Agriculture  
Special Invitee

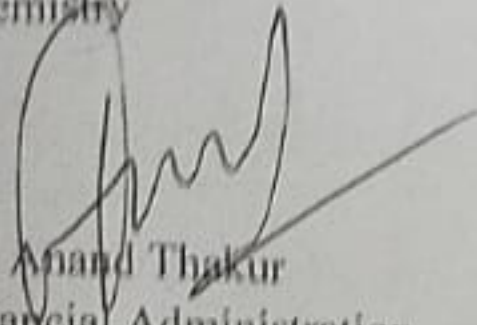
Dr. Saraboji Kadhivel  
HoD, Computational Sciences

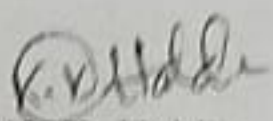
Prof. Sanjeev Thakur  
Botany

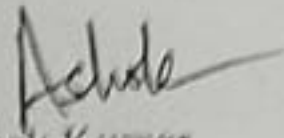
  
Prof. Rajesh Kumar  
Chemistry

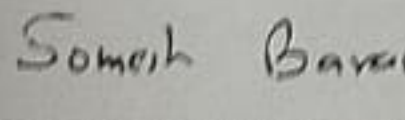
  
Dr. Dharminder Singh  
Computational Sciences

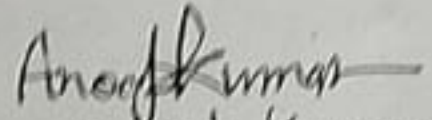
  
Dr. Manju Jain  
Biochemistry

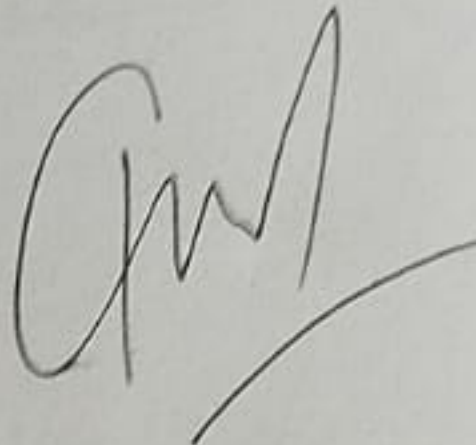
  
Dr. Anand Thakur  
Financial Administration

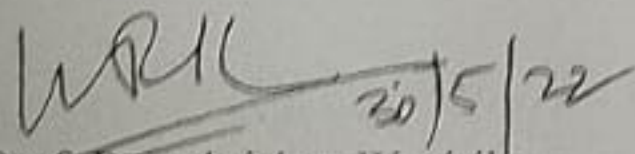
  
Dr. K. K. Halder  
Chemistry

  
Dr. Ashok Kumar  
Physics

  
Dr. Somesh Barnwal  
Microbiology

  
Dr. Anoop Kumar  
Mathematics & Statistics

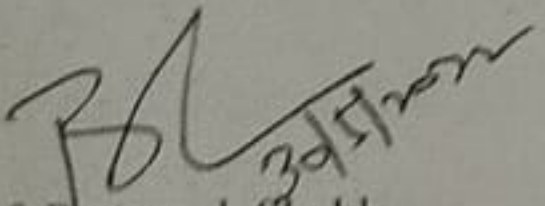


  
Prof. Ramakrishna Wusirika  
Chairperson, School Board  
Dean, School of Basic Sciences  
HoD, Biochemistry

**External Experts**

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

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

  
Prof. Pratyosh Shukla  
School of Biotechnology  
Banaras Hindu University  
Varanasi

School Board Meeting

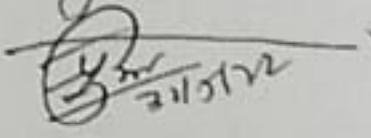

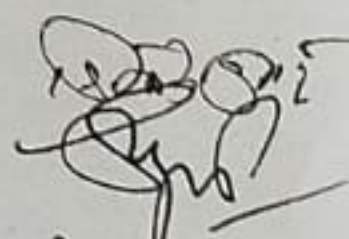

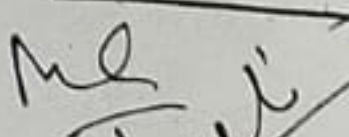
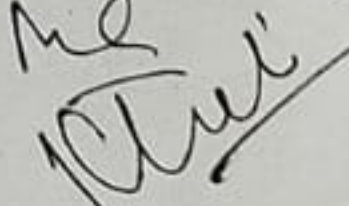
School of Basic Sciences - held on 30.5.22

Attendance

Name of Attender

Deptor.

Signature

- |                             |                          |   |
|-----------------------------|--------------------------|---|
| 1) Dr. Prashant S. Hegdekar | Physics                  |    |
| 2) Dr. Ashok Kumar          | Physics                  | Ashok   |
| 3) Somesh Bannur            | MICROBIOLOGY             | Sand  |
| 4) Dr. Anoop Kumar          | mathematics & statistics | Pradeep Kumar   |
| 5) Gaurav Shrivastava       | Maths & Stats            |  |
| 6) ANIL KUMAR MANTHA        | Zoology                  | M. Anil Kumar   |
| 7. Anyane Munshi            | Applied Agriculture      | Anand   |
| 8. Manju Jain               | Biochemistry             | Manju Jain  |
| 9 - Dharamendra Singh       | Computational Sciences   | Dharamendra Singh   |
| 10 - Krishna Kanta Hada     | Chemistry                | K. Hada   |
| 11. Vinod Kumar             | Chemistry                |  |
| 12. Sanjeev Thakur          | Botany                   |  |
| 13 Dr. Rajesh Kumar         | Chemistry                | A.S.  |
| 14 Prof. Manisha Dhillon    | Microbiology             |  |
| 15 Dr. Khetan Shekhar       | Applied Agriculture      |  |