



# पंजाब केन्द्रीय विश्वविद्यालय

संसदीय अधिनियम 25 (2009) के द्वारा स्थापित

## Central University of Punjab

Established vide Act No. 25 (2009) of Parliament

### Department of Pharmaceutical Sciences and Natural Products

Minutes of 9<sup>th</sup> Board of Studies (BOS) meeting in Pharmaceutical Sciences and Natural Products held online on 24-05-2021 at 11.00 A.M.

The following members were present:

1. Prof. Raj Kumar, Chairperson and HoD, Department of Pharmaceutical Sciences and Natural Products, Central University of Punjab
2. Prof. T. R. Bhardwaj, Former Chairman, UIPS, Panjab University, Vice Chancellor, Baddi University of Emerging Sciences & Technology, HP
3. Prof. B. Narasimhan, Department of Pharmaceutical Sciences, M. D. University, Rohtak
4. Dr. Brahmam Pujala, Associate Director, R&D, Integral Biosciences, Noida
5. Prof. Anjana Munshi, Department of Human Genetics and Molecular Medicine, Central University of Punjab
6. Dr. Vikas Jaitak, Assistant Professor, Department of Pharmaceutical Sciences and Natural Products, Central University of Punjab
7. Dr. Pradeep Kumar, Assistant Professor, Department of Pharmaceutical Sciences and Natural Products, Central University of Punjab
8. Dr. Rakesh Kumar, Assistant Professor, Department of Chemistry, Central University of Punjab
9. Mr. Amit Kumar, NAAC students' representative, Department of Pharmaceutical Sciences and Natural Products, Central University of Punjab
10. Dr. Sandeep Singh, Associate Professor, Department of Human Genetics and Molecular Medicine, Central University of Punjab
11. Invited member: Prof. P. Ramarao, Department of Pharmaceutical Sciences and Natural Products, Central University of Punjab

Prof. Vinod Kumar Garg, School of Environment and Earth Sciences could not attend the meeting due to his prior commitments and engagements.

The agenda and resolutions of the meeting are as follows:

**1. Confirmation of minutes of eighth BOS meeting**

**Resolution:** Minutes of the 8<sup>th</sup> meeting (**Annexure A**) were confirmed.

**2. To discuss and review the recommendations of Curriculum Design and Development committee (CDDC) 14<sup>th</sup> meeting held on May 4, 2021 through online mode.**

**Resolution:** Recommendations of Curriculum Design and Development committee (CDDC) 14<sup>th</sup> meeting held on May 4, 2021 (**Annexure B**) were discussed and reviewed.

**2a. To review and recommend the course structure and curriculum for two M. Pharm. programs (2021-2023).**

**Resolution:**

- For M. Pharm. (Pharmaceutical Chemistry – **Annexure C** and M. Pharm. Pharmacognosy – **Annexure D**), course structures and curriculum approved by Pharmacy Council of India (2016 guidelines) was recommended in toto. However, a minor addition was made by introducing an interdisciplinary course (02 credits) in the 1<sup>st</sup> semester to be offered by other departments of the University. Furthermore, examination, evaluation pattern (**Annexure E**) and (CGPA) as per University recommendations may be followed.
- Graduate attributes were defined for both M. Pharm. programs as per guidelines of New Education Policy 2020 and suggestions of the CDDC and IQAC.



# ਪੰਜਾਬ ਕੇਂਦਰੀ ਯਿਸ਼ਵਵਿਧਾਲਯ

## Central University of Punjab

ਸੰਸਦੀਯ ਅਭਿਨਿਯਮ 26 (2009) ਕੇ ਫ਼ਾਸ ਯਥਾਪਿਤ

Established vide Act No 26 (2009) of Parliament

**2b. To review and recommend the course structure and curriculum for M.Sc. in Chemical Sciences (Medicinal Chemistry) program (2021-2023).**

**Resolution:**

- For M.Sc. program, course structure was revised (**Annexure F**) and aligned as per the template for preparing course structure provided by IQAC, CUPB framed in light of NEP 2020 (**Annexure G**).
- Courses on "Process Chemistry" and "Entrepreneurship" were recommended in II<sup>nd</sup> semester and III<sup>rd</sup> semester, respectively as per the University guidelines /New Education Policy 2020.
- Evaluation pattern was recommended as per University recommendations (**Annexure E**).
- Graduate attributes were defined and incorporated in the revised syllabus as per guidelines of New Education Policy 2020 and suggestions of the CDDC and IQAC.

**2c. To review and recommend the course structure and curriculum for two Ph.D. programs (2021 onwards).**

**Resolution:** No major changes were made to course structure and curriculum for two Ph.D. programs (Pharmaceutical Chemistry – **Annexure H** and Medicinal Chemistry – **Annexure I**) and only grammatical/typographical mistakes were removed/corrected.

**3. To propose and recommend a panel of external experts for the evaluation of M. Pharm. (Pharmaceutical Chemistry and Pharmacognosy) theses and M.Sc. dissertations.**

**Resolution:** A panel of external experts for the evaluation of M. Pharm. (Pharmaceutical Chemistry and Pharmacognosy) theses and M.Sc. dissertations (**Annexure J**) was recommended. However, it was discussed that chairman of the BOS can extend the list as and when required depending upon the need and bioavailability.

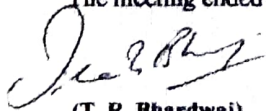
**4. To propose and recommend a panel of visiting faculty in the Department of Pharmaceutical Sciences and Natural Products.**

**Resolution:** A panel of visiting faculty in the Department of Pharmaceutical Sciences and Natural Products (**Annexure K**) was recommended. However, it was discussed that the list can be extended further as and when required depending upon the need and availability.

**5. Any other agenda with the permission of chair.**

**Resolution:** The committee recommended a list of web links (**Annexure L**) comprising useful websites and online *in silico* tools for learning of PG students of the department. The list would be updated from time to time during the course of time. Professor P. Ramarao expressed that current topics relevant to the field (like COVID-19) and their implications should also be discussed/taught to keep the students updated with recent developments/advancements in the field of their specializations.

The meeting ended with the vote of thanks to the chair.



(T. R. Bhardwaj)



(Vikas Jaitak)



(Amit Kumar)

(Narasimhan B)



(Pradeep Kumar)



(P. Ramarao)  
Invited member

(Brahman Pujala)



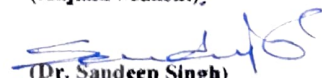
(Rakesh Kumar)



(Raj Kumar)



(Anjana Munshi)



(Dr. Sandeep Singh)