

Minutes of First meeting of Board of Studies in Department of Pharmacology held in the office of Head, Department of Pharmacology, Central University of Punjab, Bathinda held on 14-02-2020 at 12.00 P.M.

The following members were present in the BOS meeting:

1. Dr. Puneet Kumar, Chairperson , Head, Department of Pharmacology, Central University of Punjab, Bathinda
 2. Prof. P. Ramarao, Dean Academic Affairs, Head, Department of Pharmaceutical Sciences and Natural Products, Central University of Punjab, Bathinda
 3. Prof. T. R. Bhardwaj, Former Chairman, UIPS, Panjab University, Presently Vice Chancellor, Baddi University of Emerging Sciences & Technology, HP
 4. Prof. R.K. Goel. Former Head, Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala
 5. Prof. Vinod Kumar Garg, School of Environment and Earth Sciences, Central University of Punjab, Bathinda
 6. Prof. Anjana Munshi, Department of Human Genetics and Molecular Medicine , Central University of Punjab, Bathinda
 7. Dr. Uma Shanker, Assistant Professor, Department of Pharmacology, Central University of Punjab, Bathinda
 8. Dr. D. Hari Krishna Reddy, Assistant Professor, Department of Pharmacology, Central University of Punjab, Bathinda
 9. Ms. Rishika Dapola, Student of Pharmacology, NAAC student representative, Central University of Punjab, Bathinda
- Prof. SS Sharma (Pharmacology), NIPER, Mohali, expressed his inability to attend the meeting through email, because of other exigencies and requested for leave of absence.
 - Dr. Anjana Bali, Assistant Professor, Department of Pharmacology expressed her inability to attend the meeting, because of personal reasons and requested for leave of absence.

The agenda and resolutions of the meeting are as follows:

1. Confirmation of minutes of previous adhoc BOS meeting

Resolution: Minutes of the previous ad hoc meeting (**Annexure A**) were confirmed.

2. To discuss and review the feedback on curriculum of following programs for the session 2019-21 semester examination

- M. Pharm. program in Pharmacology (2019-21)

Resolution: After carefully examining the feedback (**Annexure B**), it was observed that majority of the students were satisfied with the curriculum, however they requested:

- Tutorial class of personality and skill development should be in the schedule per week.
- R & D exposure by visit to nearby industry for students should be included
- Laboratory facility should be improved

Dr. Puneet Kumar
14/02/2020

P. Ramarao
14/2/2020

Dr. Hari Krishna Reddy
14/02/2020

Page 1 of 3

Rishika Dapola
14/2/2020

- Internship facility for students should be provided.

The BOS recommended the following

BOS committee was of the view that students may opt for the classes w.r.t personality and skill development, which were already being conducted at the University by Training and Placement cell. Committee recommends the industrial trip to students once in a year and The BOS is of the opinion that the problem of space will be resolved when the University shifts to the new permanent campus. Regarding internship facilities, committee recommended that various other Govt Universities/ Govt organizations provided internship programs for PG students from one to two months and students can opt for those programs during summer and winter break. Feedback from industry and alumni also recommended.

3. To discuss and review the recommendation of Curriculum Design and Development Committee (CDDC) 1st meeting

3a. To review and recommend the syllabi of M. Pharm., and Ph.D. programs

Resolution: BoS recommended the syllabi and curriculum of Ph.D. programs which was drafted and revised after discussion held during Curriculum Development Committee (Annexure-C) meeting as well as inputs of Curriculum audit conducted by IQAC (Annexure D). Department offer 16 credits course including four common subjects and four papers (opt any two) related to Pharmacology and Pharmaceutical Sciences.

The recommended syllabi are enclosed as Annexures E-F for M. Pharm. program in Pharmacology (2020-22), Ph.D. in Pharmaceutical Sciences (2020).

3b. Regarding inclusion of MOOC course in M. Pharm.

Resolution: BoS recommended that students may opt any MOOC course prescribed and approved by the University time to time.

3c. Regarding adoption of PCI evaluation system in toto to comply it with PCI regulations for syllabi.

Resolution: BOS recommended that course structure marks (thesis, dissertation, Journal club, seminar, theory and practical) as per Pharmacy Council of India guidelines. However, equivalent CGPA scores as per university examination system may be followed.

3d. Regarding inclusion of a course on "Research and Publication Ethics" in pre-Ph.D. registration course work

Resolution: The BoS committee recommended the inclusion of a course on "Research and Publication Ethics" (30 hours) in pre-Ph.D. registration course work from session 2020 onwards as per directions of UGC. The course contains two sections *i.e.* Theory and Practice of 15 hours each. Since Theory portion deals with general aspects of Philosophy and Ethics, Scientific Conduct and Publication Ethics which are common to students of all Science

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disciplines, hence may be taught jointly at University level. However, Practice section is discipline specific and should be taught at respective Department level.

4. To discuss and recommend the syllabi of two Inter Disciplinary courses (IDS) offered by Pharmacology Department for students of other department from next semester onwards.

Resolution: Committee recommended the syllabus of two Inter Disciplinary courses (IDS) courses i.e Drug Abuse: Problem, Management and prevention (IDC-506) and Rational Use of medicines (IDC-521) (Annexure- G) from next semester to students of other department from next semester onwards.

5: Regarding introduction of Value added Courses in M.Pharm. Programmes:

Department has been notified by the University regarding implementation of Value Added Courses (VACs) in M. Pharm. programs.

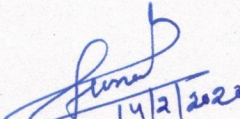
Resolution: BOS recommended that Department of Pharmacology may offer VACs as per the availability of resources.


6. Any other agenda with the permission of chair.

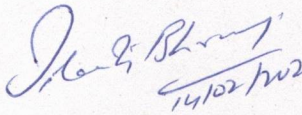
Introduction of seminar topics as per current needs

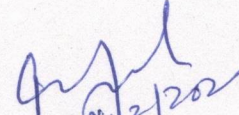
Resolution: The BOS deliberated over the issue that the recent trends like artificial intelligence, machine learning, data mining and biosimilars, etc. may be introduced as seminar topics to the research students to make them fit as per industrial and academic need.

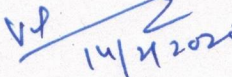
The meeting ended with the vote of thanks to the chair.

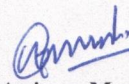

14/2/2020
(Puneet Kumar)



(P. Ramarao)

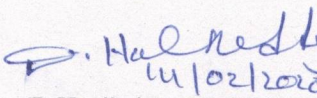

14/02/2020
(T. R. Bhardwaj)

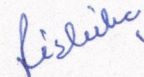

14/2/2020
(R.K. Goel)


14/2/2020
(V.K. Garg)


(Anjana Munshi)


14/02/2020
(Uma Shanker)


14/02/2020
(D. Harikrishna reddy)


(Rishika Dhapola)