

Minutes of the Board of P.G Studies meeting held on 16.09.2021

Meeting of board of P.G. Studies in Chemistry was convened on 16.09.2021 at 11:00 a.m. in Office chamber of Head Department of Chemistry. The proceedings of the meeting went in the dual mode as local members participated in person (offline mode) while external members participated online via zoom meeting.

The following members of the board participated:

S No	Name	Affiliation	Nomination
01	Prof. Syed Wajaht Amin Shah	Head Dept of Chemistry University of Kashmir	Chairman Board of P.G studies.
02	Prof. Sartaj Tabassum	Dept. Of Chemistry, Aligarh Muslim University,	External Subject Expert Inorganic Chemistry
03	Prof. Satya Paul	Dept. Of Chemistry, University of Jammu	External Subject Expert Organic Chemistry
04	Prof Irshad Ahmad Nawchoo	Dean School of Biological Science	Academic Expert and Member P.G board
05	Prof. Shariefuddin Pirzada	Head Dept of Mathematics University of Kashmir	Academic Expert and Member P.G board
06	Prof. Altaf Hussain Pandit	Dept of Chemistry University of Kashmir	Inorganic Chemistry Expert and Member P.G board
07	Prof. Khaliq Zaman Khan (Adjunct Faculty)	Dept of Chemistry University of Kashmir	Organic Chemistry Expert and Special Invitee
08	Dr. Aijaz Ahmad Dar	Dept of Chemistry University of Kashmir	Physical Chemistry Expert and Member P.G board
09	Dr. Mohsin Ahmad Bhat	Dept of Chemistry University of Kashmir	Physical Chemistry Expert and Member P.G board
10	Dr. Masood Ahmad Rizvi	Dept of Chemistry University of Kashmir	Inorganic Chemistry Expert and Member P.G board
11	Dr. Dar Aijaz	Dept of Chemistry University of Kashmir	Inorganic Chemistry Expert and Member P.G board
12	Mr. Naseer Ahmad	Academic section University of Kashmir	DR Academics representative
13	Mr. Latief Ahmad	PhD Scholar Dept of Chemistry	Scholar member
14	Mr. Asif	PhD Scholar Dept of Chemistry	Scholar member

Prof. Wajahat Amin Shah Head, Dept of Chemistry and Chairman Board of P.G studies welcomed the members and presented the agenda of the meeting.

The meeting had the following Agenda:

- 1 Restructuring of course pattern at different semesters.
- 2 Introduction of 6 Credit Lab Project at M.Sc IV semester level as part of M.Sc Curriculum.
3. Re-appropriation of course content at 4th semester to allow students have the core papers from all the three disciplines of Chemistry Subject.
4. Re structuring, up-gradation, additions and introduction of new courses under Core, Discipline Centric, Generic and open elective courses of CBCS scheme.

Resolution:

With regard to the above mentioned points of agenda, All the courses were discussed thoroughly w.r.t nature, title, contents, and weightage. Some valuable suggestions about the courses along with some deletions, insertions and some minor changes in the orientation of contents within and across the units in some of the courses were suggested and accordingly incorporated into the course structure. After the discussion, it was unanimously agreed that:-

- i) Each course at the start should mention the learning outcomes and academic prospectus.
- ii) The course content of all units in all courses should be uniform and catering to the allocated 16 contact hours.
- iii) The course symmetry and Group theory at 1st semester level was suggested re-adjustments with the introduction of group theory (elementary idea).
- iii) The core inorganic chemistry paper CH301CR at 3rd semester level was suggested to be too heavy in content and it was advised to reduce the contents to the weightage of 16 hours.
- (iv) The introduction of 2nd Sem GE course in the form of "Metal ions in Living systems" and "Medicinal Inorganic Chemistry" as 3rd Semester open elective course was well taken by the board members and subject experts. As such the replacement of Philosophy of Science as 3rd sem OE course by Medicinal Inorganic Chemistry was recommended and approved.

As a part of major restructuring of the course pattern of M.Sc curriculum after a thorough discussion it was unanimously resolved that *the laboratory course at each semester (including 3rd semester) shall be a 4 credit DCE course of 45 sessions comprising of Inorganic, Organic and Physical chemistry components each to be completed in 15 sessions including exam. However to cater to the infrastructural deficits, the lab course shall be conducted in three parallel groups in the three specializations, students will complete the three components under a rotation scheme.*

Regarding the new development of incorporation of Laboratory Project at 4th semester as a part of M.Sc Curriculum, The board members unanimously accepted and recommended this new inception. However, in keeping view of 72 candidates and the infra structural issues coupled with the limited number of faculty members, framing modalities were sought under which the project work shall be in the form of groups of up to 6 students who shall be working on the different dimensions of the project problem. *The project will be having 2 credits of Presentation and Dissertation, and various combined 04 credits of literature survey and experimental work. The nature of the project work shall be simpler and aimed at build up of research aptitude with no compulsion of a publication.*

Regarding re-appropriation of course content at 4th semester to allow the students to have the core papers from all the three disciplines of Chemistry subject, the proposed move was taken positively by the P.G. board members and approved for implementation by the experts. Under this proposal, the students at 4th semester level will now have three core papers each of 4 credits from the three specializations. Besides, each specialization shall provide two DCE Courses making a total of 6 DCE courses available at 4th semester level. *Among the DCE courses it shall be mandatory upon the students to choose among two DCE courses from same specialization, so as to have the course content enrichment that can be claimed for the specialization under that specified discipline of Chemistry.*

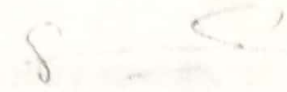
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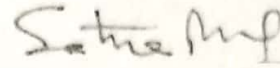
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These decisions shall be applicable for the students joining Department as Batch 2021 and shall be in vogue for the next three years.

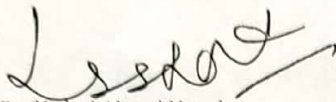
Acknowledgements of P.G. Board Members:



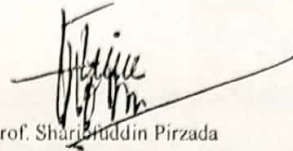
1. Prof. Sartaj Tabassum



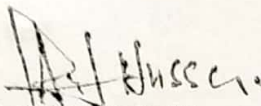
2. Prof. Satya Paul



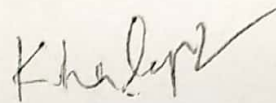
3. Prof. Irshad Ahmad Nawchoo



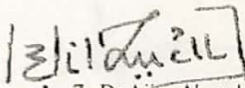
4. Prof. Sharfuddin Pirzada



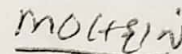
5. (Prof. Altaf Hussain Pandit)



6. Prof. Khalique Zaman Khan



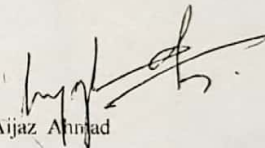
7. Dr. Aijaz Ahmad Dar



8. Dr. Mohsin Ahmad Bhat

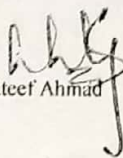


9. Dr. Masood Ahmad Rizvi



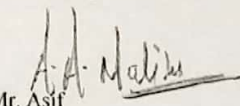
10. Dr. Dar Aijaz Ahmad

11. Dr. Ruksana Putto



13 Mr. Lateef Ahmad

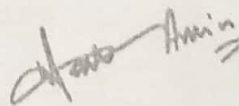
12. Deputy Registrar Nominee



14 Mr. Asif



(Dr. Masood Ahmad Rizvi)
(Staff Secretary)



(Prof. Syed Wajaht Amin Shah)
Chairman/ Head of the Department