Department of Chemistry

Ref. No.: **Dated: October 31, 2015**

Subject: Minutes of 2nd Board of Studies (BOS) meeting of Department of Chemistry held on 31-10-2015.

The Second meeting of Board of Studies (BOS) of Department of Chemistry was held on 31.10.2015 at 10.00 am in the committee room (Administrative Block). The following members were present:

1	Dr Naresh Sahajpal	Dean Academics
2	Dr K.K.Bhasin	External Member (Department of Chemistry, Panjab University, Chandigarh)
3	Dr Sapna Sethi	Convener
4	Dr Razia Sultana	Member
5.	Dr Rekha Gaba	Member
6.	Dr Pushpinder	Member

The members of the BOS discussed and deliberated on the various items of the agenda. Following points emerged out of the meeting:

1) Item 1. Approval of Course Schemes and Syllabi of 2015 batch and onwards for B.Sc. (Hons.)Chemistry and M.Sc. (Hons.)Chemistry

The Course Schemes and detailed Syllabi of 2015 batch and onwards for B.Sc. (Hons.)Chemistry *(prepared according to Choice Based Credit System proposed by University Grants Commission)* and M.Sc. (Hons.)Chemistry were presented to the Board BOS for its approval.

Decision: The Board BOS approved the Course schemes and the syllabi of the above mentioned courses emphasizing on the following points:

- The course schemes and syllabi of first and second semesters of M.Sc. (Hons.) Chemistry were as per the norm and approved as such without suggesting any changes.
- In Course schemes of Semester third and fourth of M.Sc. (Hons.) Chemistry, the Board BOS suggested that in Advance chemistry Lab-I (CHE620) and Advance chemistry Lab-II (CHE621), the students need to do literature survey or study detailed outlines of various experiments mentioned in their syllabi in addition to conducting them.
- The course on Discrete Mathematics (MTH637) was found unsuitable for M.Sc. (Hons.)Chemistry and eliminated from the course scheme of third semester.
- The first thirty MSc (Hons.) Chemistry students shall be enrolled for research projects based upon their merit/performance in M.Sc. (Hons.) first year.
- The title of the course CHE619 (Instrumental Methods of Analysis) be changed to Analytical techniques.
- The Board BOS proposed introduction of a third choice of elective subjects in each semester for B.Sc. (Hons.) Chemistry.

- The Board BOS proposed introduction of a course on nanotechnology for B.Sc. (Hons.) Chemistry.
- The Board BOS suggested to have invited speakers to teach the courses on Research Methodology for B.Sc. (Hons.)Chemistry and M.Sc. (Hons.)Chemistry.

2) Item 2. To consider *post facto* approval to the proposed Course scheme and Syllabi for the first semester 2015 batches of B.Sc. (Hons.)Chemistry and M.Sc. (Hons.) chemistry

Decision: It was discussed and unanimously resolved to give *post facto* approval to the proposed course scheme and syllabi for the first semester 2015 batches of B.Sc. (Hons.)Chemistry and M.Sc. (Hons.) chemistry.

3) Item 3. The other Items of discussion

- Prof Bhasin emphasized on the starting of a doctoral research program in the department to develop culture of research and increase faculty research output.
- Prof Bhasin advised the university to subscribe the *Journal of Chemical Education* for faculty and students of chemistry department. This journal typically addresses chemical content, activities, laboratory experiments, instructional methods, and pedagogies. The Journal serves as a means of communication among people across the world who are interested in the teaching and learning of chemistry.
- Prof Bhasin felt that the department needs to procure models for their importance in understanding and communicating chemistry.
- Prof Bhasin further suggested that the students especially of M.Sc. (Hons.) chemistry should be exposed to the working of important instruments and for that their visits to national labs/institutions be arranged regularly. The students also need to be sensitized to the applications of SciFinder which is a research discovery application that provides unlimited access to the world's most comprehensive and authoritative source of references, substances and reactions in chemistry.

Meeting ended with thanks to all the participating members.

Signatures of the members present:

1.
2.
3.
4.
5.
6.