

Minutes of the Meeting

Minutes of the meeting of Syllabus Committee for B.Sc-M.Sc integrated (Chemistry) Course Program (Each 04 credits) held on 15.07.21 at 3:30 PM in the Conference Room, Department of Computer Science & Engineering (SEST) Jamia Hamdard New Delhi-62.

Following attended the Meeting:

1. Dr. M. Samim, Associate Professor (Chairman)
2. Dr. Amit Bhooshan Singh, Assistant Professor (Member)
3. Dr. Sohrab Ali, Assistant Professor (Member)

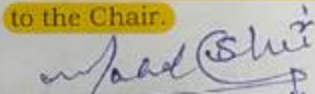
Agenda:

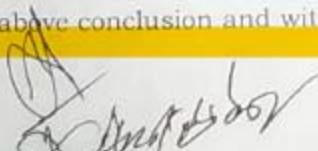
Discuss and Design the final syllabus **B.Sc-M.Sc integrated (Chemistry) Course Program.**

At the outset, the Chairman welcomed the members for attending the meeting, after that the agenda item was taken up for discussion as mentioned below.

- Member 2, **Dr. Amit Bhooshan Singh** present the detailed syllabus of the same of Shiv Nadar University Noida, Uttar Pradesh, suggested few topics.
- Member 1, Dr. Sohrab Ali present the detailed syllabus of the same of Jamia Millia Islamia, new Delhi-25, suggested some topics.
- Member 2, Dr. Amit Bhooshan Singh also mentioned the syllabus of the **B.Tech(CSE), B.Tech(ECE), B.Tech(AI)** of Jamia Hamdard approved by AICTE as an Elective Science subject of Mathematics.
- After a detailed discussion on both the syllabus, the Committee finalizes and purposed the final syllabus as **Mathematics-I and Mathematics-II (Each 04 credits)** with a Tutorial of 02 credits each suggested by Member 2, from Jamia Hamdard approved by AICTE as an Elective Science subject of Mathematics for the agenda item.

The meeting ended with the above conclusion and with vote of thanks to the Chair.


(Member)


(Member)


(Chairman)

July 19, 2021

DEPARTMENT OF CHEMISTRY

Minutes of the meeting of Board of Studies (BOS) of the Department of Chemistry

A virtual meeting of the Board of Studies (BOS) of the Department of Chemistry, School of Chemical & Life Sciences was held through Google meet on 19th July 2021 at 4:00 pm.

The following were present

| Name | Designation | |
|--------------------|---------------------------------|-----------------|
| Prof. Kalim Javed | HoD Chemistry | In the Chair |
| Prof. Sunil Khare | Professor (IIT, Delhi) | Co-opted Member |
| Prof. Sunil Sharma | Professor (University of Delhi) | Co-opted Member |
| Prof. M.S. Alam | Professor | Member |
| Dr. Hinna Hamid | Associate Professor | Member |
| Dr. Mohd. Samim | Associate Professor | Member |
| Dr. Syed Shafi | Assistant Professor | Member |
| Dr. Imran A. Khan | Assistant Professor | Special Invitee |

The meeting started with the welcoming remark of Head of Department to all the members.

Following was resolved

Agenda item-I: To finalize the panel of examiners for getting set question papers/conducting practical exams of M.Sc. II and B.Sc.-M.Sc. integrated course semester II.

HoD placed before the committee the list of theory and practical papers for which the end semester examinations have to be conducted from August 2021. In order to finalize the panel of examiners for setting the question papers/conducting practical exams. It was thoroughly deliberated upon and all the members of the BoS felt and recommended that under the present devastating conditions of Corona pandemic examinations may be conducted internally and accordingly all the theory question papers should be set by internal examiners for the smooth conduct of the semester exams.

Panels of examiners for conducting practical exams as recommended by BoS is placed (Annexure-A).

Agenda Item-II: Regarding B.Sc.-M.Sc. integrated bylaws

School of Chemical & Life Sciences (SCLS) has been running a five-year (ten semesters) full time B.Sc.-M.Sc. integrated program since 2017 with exit option with B.Sc. Honors degree in Chemistry. Dean office (SCLS) received a letter from the office of Controller of Examination seeking clarification on B.Sc.-M.Sc. integrated bylaws concerning promotion criteria from 6th to 7th semester, span period for B.Sc.-M.Sc. integrated program, nomenclature of semesters which fall during M.Sc. level etc. HoD also apprised the BoS of recommendations made by a committee formed by Dean SCLS to look into the curriculum and bylaws of the course.

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28/8/21

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28/7/21

BoS was of the opinion that no changes can be made in the curriculum and byelaws of the approved B.Sc.-M.Sc. integrated programme of the current running batches. B.Sc. -M.Sc. integrated course will be treated as a separate course from M.Sc. Chemistry. Regarding span period it was resolved that total span period should be 7 (5+2) years, which can be extended by one year under exceptional circumstances and on the basis of the merit of the case (as per 2015 UGC guidelines on determination of uniform span period).

Changes to the curriculum and byelaws of the said course, if any, can only be made for future batches after approval.

Agenda item – III Deliberation on the recommendation for Foundation course in M.Sc. Programme of Department of Chemistry, SCLS

BoS approved the recommendations made by the following department level three -member committee that the foundation course should be discontinued from the academic session 2021-2022. *In lieu* of the foundation course the paper titled 'Analytical Chemistry' should be shifted from Semester II to semester I. This will make the total course credits in Semester I and Semester II as 21 each and therefore the credits in Semester I and Semester II will be uniform.

1. Prof. M.S.Alam
2. Dr. Hinna Hamid
3. Dr. Mohd. Samim

Meeting ended with thanks to all members of BoS.

• Prof Kalim Javed, Department of Chemistry, SCLS

In the Chair



• Prof. Sunil Khare, IIT, Delhi

Co-opted Member

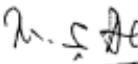
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• Prof. Sunil Sharma, University of Delhi

Co-opted Member

• Prof. M.S.Alam, Department of Chemistry, SCLS

Member



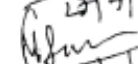
• Dr. Hinna Hamid, Assoc. Prof., Department of Chemistry, SCLS

Member



• Dr. Mohd. Samim, Assoc. Prof., Department of Chemistry, SCLS

Member



• Dr. Syed Shafi, Assist. Prof., Department of Chemistry, SCLS

Member



• Dr. Imran A. Khan, Assist. Prof., Department of Chemistry, SCLS

Special Invtee



Minutes of the meeting of Board of Studies (BOS) of the Department of Chemistry, Faculty of Science

A meeting of Board of Studies (BOS) of the Department of Chemistry, Faculty of Science was held in the Office of Head Department of Chemistry on 04th March 2016 at 03.30 P.M

The following were present:

| | | |
|-----------------------|---------------------|-----------------|
| Dr. Kalim Javed | HoD Chemistry | In the Chair |
| Prof. Tabrez Alam | Professor (JMI) | Co-opted Member |
| Dr. Hinna Hamid | Assistant Professor | Member |
| Dr. Samim Ahmed | Assistant Professor | Member |
| Dr. Ameerunisha Begam | Assistant Professor | Member |
| Dr Syed Shafi | Assistant Professor | Special Invitee |

Prof. M. S. Alam one of the member could not attend the meeting due to his prior engagements.

Confirmation of Minutes:

Minutes of the last Board of Studies meeting held on 30th September 2015 were confirmed with the consent of the house.

Panel of Examiners

The House deliberated on the panel of examiners for the II Semester (CBCS) and IV Semester (Organic Chemistry) Examination 2016 for M.Sc. Chemistry. For all theory papers and practical examination the names of internal examiners and external examiners were proposed. The Dean may approve the examiner from the each panel (Annexure-I).

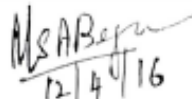
Any other items:

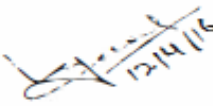
Discontinuation of course Programme M.Sc. in Chemistry with specialization in Industrial Application from the academic session 2017-18.

Chairman informed the BOS (Department of Chemistry) that none of the students admitted in last three academic years (2013-14, 2014-15 and 2015-16) had opted for the course programme M.Sc. in Chemistry with specialization in Industrial Application. Board has deliberated and recommended that course programme M.Sc. in Chemistry with specialization in Industrial Application may be discontinued from the academic session 2017-18. As notice for admission for session 2016-17 for course programme M.Sc in Chemistry with the option of specialization in (a) Organic chemistry (b) Industrial Application has already been published, classes for M.Sc Chemistry (Industrial Application) may be arranged if at least 40% students of the batch opt for it.

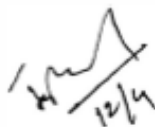
The meeting ended with the vote of thanks to the chair.






12/4/16


Dr. Kalim Javed
Chairman
Board of Studies (Chemistry)

Dean, Faculty of Science


12/4



18/4/16

DEPARTMENT OF CHEMISTRY, SCLS**Minutes of meeting for exploring the inclusion of option for credit transfers from MOOCs/SWAYAM platforms in the curricula of M.Sc. Chemistry and B.Sc. Chemistry programmes offered under CBCS**

A meeting of the following three-member committee constituted by HoD chemistry was held under the chairmanship of Prof. M. S. Alam on 16th August, 2021, to explore the provision of inclusion of an option of credit transfer from the courses via MOOCs/SWAYAM platform in the curricula of **M.Sc. Chemistry and B.Sc. Chemistry programmes**

| | |
|-----------------|-------------|
| Prof. M.S.Alam | Chairperson |
| Dr. Hinna Hamid | Member |
| Dr. Mohd. Samim | Member |

SWAYAM is a platform of the MHRD, GOI providing an integrated portal and platform for hosting Massive Open Online Courses (MOOC) developed under the aegis of NME-ICT. Government of India has adopted the MOOCs concept to supplement the formal education system in the country and include foundational and advanced levels topics in interdisciplinary areas.

The curricula of the courses offered by Department of Chemistry are designed to provide a cohesive, intense and productive educational experiences in chemistry with an emphasis to develop research aptitude.

In order to further diversify and to provide an option for an online uninterrupted learning in interdisciplinary areas, the committee felt that provision should be given to the students for credit transfers from MOOCs/SWAYAM platforms in courses of interdisciplinary areas as elective papers and that Jamia Hamdard should register for the same to avail using the SWAYAM platforms.

Following was resolved**1. For M.Sc. Programme:**

The courses offered under this Programme of Study are designated as Core courses and Elective courses.

- A course designated as Core course must be completed by students to receive the degree in this Programme.
- Elective courses can be chosen from:

- (a) a list of courses prescribed by Department of Chemistry designated as Discipline centric electives (DCE)

- (b) any course offered by any Centre/Department/School of Jamia Hamdard under CBCS as open elective or from credit transfers from MOOCs/SWAYAM platforms.

For courses offered by MOOCs/SWAYAM platforms a student will be permitted to pursue online courses up to a maximum of 06 credits. However, during one semester a student will not be permitted to register for more than 03 credits of online courses. Though the host institute may award more credits to an online course, the maximum number of credits assigned to an online course shall not exceed 3 credits, and the minimum shall be 2 credits. SWAYAM Counsellor of the department shall facilitate online courses through the SWAYAM platform and shall obtain marks from the host institution.

All the courses of the programme will be audit courses, i.e., for all the papers including elective courses and the courses completed through MOOCs/SWAYAM platforms, credits earned will be taken into consideration for the calculation of CGPA and declaration of results.

2. For B.Sc. Chemistry Programme:

The courses offered under this Programme of Study are designated as Core, Generic elective courses and Ability Enhancement Courses (AEC).

- A course designated as Core course must be completed by students to receive the degree in this Programme.
- Elective courses can be chosen from:
 - (a) a list of courses prescribed by Department of chemistry as Discipline Specific Elective Papers (DSE) and Skill Enhancement Courses (SEC)
 - (b) any course offered by a Centre/Department/School of Jamia Hamdard under CBCS as Generic elective. Option is also available for credit transfers from MOOCs/SWAYAM platforms.

For courses offered on MOOCs/SWAYAM platforms a student will be permitted to pursue online courses up to a maximum of 18 credits. However, during one semester a student will not be permitted to register for more than 06 credits of online courses. SWAYAM Counsellor of the department shall facilitate online courses through the SWAYAM platform and shall obtain marks from the host institution.

- Ability Enhancement Courses (AEC): The Ability Enhancement (AE) are the courses that leads to Knowledge enhancement. They ((i) Environmental Science, (ii) English/MIL Communication) are mandatory for all disciplines.

All the courses of the programme will be audit courses, i.e., for all the papers including elective courses and the courses completed through MOOCs/SWAYAM platforms, credits earned will be taken into consideration for the calculation of CGPA and declaration of results.


Submitted for approval by BoS



Dr. M. Samim



Dr. Hinna Hamid


Prof. M. S. Alam 18/8/2021

Dean, SCLS



before the BoS committee. The committee has approved the panel of experts with the following two suggestions.

- As, Prof. Anwar Ali and Dr. P.K. Ptanjali were superannuated, the committee has suggested to replace these two members with Prof. Rajiv Bhat, JNU and Prof. Thranikkarasu, Pondicherry University.
- Since Dr. Sampath Kumar's name was featured twice in the list, the committee has suggested to include Prof. Raj Sharma, Delhi University in the expert panel.

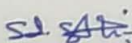
Agenda Item III: Deliberation on the syllabus designed for two mathematics papers to be taught in UG level and inclusion of these papers in the list of mathematics papers offered.

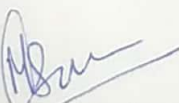
HoD informed the members of the committee that in the previous BoS meeting, the committee has approved to include two papers on mathematics (04 credits each) to the curriculum of B.Sc-M.Sc Integrated programme, Chemistry (as an elective papers) and the following three member committee was constituted (with the approval of the BoS) to design syllabus of these two papers.

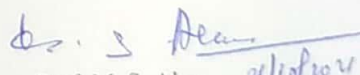
- Dr. M. Samim, Associate Professor (Chairman)
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Dr. M. Samim has placed the designed syllabus for two mathematics papers before the BoS committee and it has been deliberated broadly. The committee has suggested to elaborate the designed syllabus in detail. As per suggestion, syllabi of both the Mathematics papers have been modified.

Meeting ends with thanks to all members of BoS.


Dr. Syed Shafi
21/10/21


Dr. Mohd. Samim


Prof. M. S. Alam
21/10/2021

Refer to Annex
Prof. Sunil Khare

Refer to Annex.
Prof. Sunil Sharma

(on medical leave)
Prof. Kalim Javed

Dean, SCLS

Minutes of the Meeting

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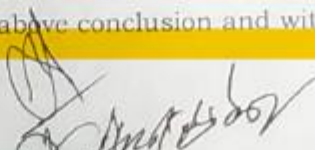
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(Chairman)

