

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

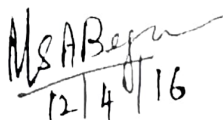
The House deliberated on the panel of examiners for the II Semester (CBCS) and IV Semester (Organic Chemistry) Examination 2016 for M.Sc. Chemistry. For all theory papers and practical examination the names of internal examiners and external examiners were proposed. The Dean may approve the examiner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



Ms. A. Begam
12/4/16



12/4/16

Dr. Kalim Javed
Chairman
Board of Studies (Chemistry)

Dean, Faculty of Science



12/4



18/4/16

17.11.2016

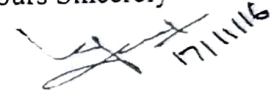
The Registrar
Jamia Hamdard

Subject: **Minutes of Meeting of Board of Studies**

Sir,

Please find enclosed herewith minutes of meeting of Board of Studies of Department of Chemistry held on 30.9.2015, 4.3.2016, 25.7.2016 and 20.9.2016 for consideration /approval of Academic Council to be held on 1st December 2016.

Yours Sincerely



Dr. Kalim Javed
Head
Department of Chemistry

nd.
18/11/16
for
for

20.9.2016

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 20th September 2016 at 3.30 p.m.

The following were present:

- | | |
|----------------------|-----------------|
| 1. Dr. Kalim Javed | In the Chair |
| 2. Prof. Tabrez Alam | Co-opted Member |
| 3. Dr. Hinna Hamid | Member |
| 4. Dr. M. Samim | Member |
| 5. Dr. A. Begum | Special Invitee |
| 6. Dr. Syed Shafi | Special Invitee |

Prof. S.C. Jain and Prof. M. M.S. Alam could not attend the meeting because of their prior engagements.

Confirmation of Minutes:

The minutes of the last meeting of the Board of Studies held on 25th July 2016 were confirmed with the consent of the House.

Panel of Examiners:

The House deliberated on the panel of examiners for the I Semester and III 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)

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

Enclosure:

1. Panel of Examiners I Semester
2. Panel of Examiners III Semester (Organic Chemistry)



Dr. Kalim Javed
Head

Department of Chemistry

Copy to :

1. All Members
2. Dean, Faculty of Science

July 25, 2016

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

A meeting of the Board of Studies (BOS) of the Department of Chemistry, Faculty of Science was held in the office of Head, Department of Chemistry on 25th July, 2016 at 12.00 Noon

The following were present:

Name	Designation	
Dr. Kalim Javed	HoD Chemistry	In the Chair
Prof. Tabrez Alam	Professor (JMI)	Co-opted Member
Prof. M.S.Alam	Professor	Member
Dr. Hinna Hamid	Assistant Professor	Member
Dr. Ameerunisha Begum	Assistant Professor	Special Invitee
Dr.Syed Shafi	Assistant Professor	Special Invitee

Confirmation of Minutes

Minutes of the last Board of Studies meeting held on 04th, March 2016 were confirmed and they will be put before the next standing committee along with the minutes of the present meeting.

Revision of the syllabus

In continuation to the earlier meeting of BOS held on 04th, March 2016, the board discussed and further deliberated on the framework of the M. Sc. Chemistry program and the contents of each paper were reviewed in light of the recently approved bye - laws for M,Sc. Programs in the Faculty of Science (A copy of the revised syllabus attached as Annexure A).

Following recommendations were made:

1. The board deliberated upon the proposal of the Chairperson that all the theory papers of Semester IV be scraped in lieu of the project work, which should be carried out by the the student throughout the IV Semester of the course. The House deliberated threadbare and every member opined on the subject. The external expert strongly felt that reducing the course content will lead to undue dilution of the course. He cited examples of the curricula of several universities where specialization in Organic Chemistry is offered, and the papers on advanced organic chemistry are included in the final semester. The board was in agreement to his views and agreed that reducing the course content will lead to dilution of the course. Additionally, the members also felt that since the Department is

September 27, 2017

Minutes of the meeting of Board of Studies (BOS) of the Department of Chemistry, School of Chemical and Life Sciences

A meeting of Board of Studies (BOS) of the Department of Chemistry, School of Chemical and Life Sciences was held in the Office of Head Department of Chemistry on 25th September 2017 at 3.00 P.M

The following were present:

Prof. M.S. Alam	HoD Chemistry, JH	In the Chair
Prof. Sunil Khare	Professor, IIT Delhi	Co-opted Member
Dr. Kalim Javed	Professor, JH	Member
Dr. Hinna Hamid	Assistant Professor, JH	Member
Mr. Samim Ahmed	Assistant Professor, JH	Member

Prof. Ramesh Chandra one of the co-opted member who had earlier consented to attend the meeting could not attend due some last minute engagement.

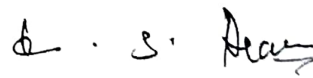
Confirmation of Minutes:

Minutes of the last Board of Studies meeting held on 24th May 2017 at 2 P.M were confirmed with the consent of the house.

The panel of examiners for setting of Question papers and evaluation of answer books of I and III Semester of M.Sc Chemistry and Chemistry paper of I Semester of B.Sc.-M.Sc. Integrated program was proposed by the house.

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

Enclosure: Panel of Examiners for Paper Setting/Evaluation of Answer Books of I and III Semester of M.Sc Chemistry and Chemistry paper of I Semester of B.Sc.-M.Sc. Integrated program


27/9/17

Prof.M.S.Alam
Chairman
Board of Studies (Chemistry)

Copy to:

- All Members of the Board.
- Dean, SCLS.
- File.

Office of Dean
School of Chemical and Life Sciences

February 28, 2018

Minutes of the BoS of Department of Chemistry

Meeting of the Bos was held in the office of the Dean, SCLS on 28th, February, 2018. Following were present

Prof. M.P.Sharma,	Dean SCLS
Prof. M.S.Alam	HoD, Chemistry
Prof. Ramesh Chandra	Co-opted member
Prof. Sunil Khare	Co-opted member
Prof. Kalim Javed	Member
Dr. Hinna Hamid	Member
Dr. M.Samim	Member

At the outset the Dean SCLS welcomed all the members before taking the following agenda items for discussion

Agenda item 1: Screening of applications for two posts of Assistant Professor in Organic Chemistry and Physical Chemistry

In accordance with recommendations made in the earlier BoS held on 8th January, 2018 for the criteria of screening of the candidates for the aforesaid posts, the merit list of the applicants was prepared and it was recommended that the candidates obtaining a

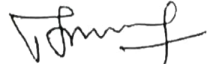
minimum of 80 points in the merit list should be called for an interaction and interview.

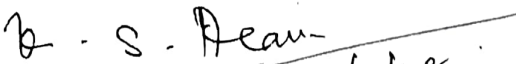
Agenda item 2: Approving the syllabus for B.Sc-M.Sc Integrated course.

The syllabus was taken up for discussion and recommended syllabus is attached as Annexure 1

Agenda item 3: Approving the panel of examiners

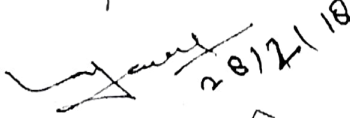
Panel of examiners for 2018 semester examination of M.Sc. Chemistry, semester II and semester IV along with backlog papers & B.Sc-M.Sc Integrated course, Semester II was proposed and was recommended by BoS (Attached as Annexure 2)

Prof. M.P.Sharma, 

Prof. M.S.Alam 
28/2/18

Prof. Ramesh Chandra 

Prof. Sunil Khare 

Prof. Kalim Javed 
28/2/18

Dr. Hinna Hamid 
28/2/18

Dr. M.Samim 

March 25, 2019

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

A meeting of the Board of Studies (BOS) of the Department of Chemistry, School of Chemical and Life Sciences was held in the office of Head, Department of Chemistry on 25th March, 2019 at 3 P.M

The following were present:

Name	Designation	
Prof. M.S.Alam	HoD Chemistry	In the Chair
Prof. Sunil Khare	Professor (IIT Delhi)	Co-opted Member
Prof. Kalim Javed	Professor	Member
Dr. Hinna Hamid	Assistant Professor	Member
Dr. M.Samim	Assistant Professor	Member

Prof. Ramesh Chandra, could not attend the meeting due to some engagements.

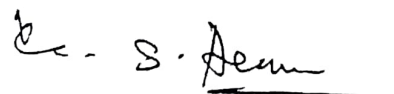
Confirmation of Minutes

Minutes of the last Board of Studies meeting held on 3rd, October 2019 were confirmed by the house.

Panel of Examiners for paper setting/Evaluation

The board proposed the panel of examiners for paper setting and evaluation for II and IV Semesters of M.Sc Chemistry, as well as for B.Sc. M.Sc. Integrated Programme (Annexure).

The meeting ended with the vote of thanks to chair.



Prof. M.S.Alam
Chairman
Board of Studies (Chemistry)

Dean, SCLS

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 01st May, 2021 at 3.30 pm.

The following were present:

Name	Designation	
Prof. Kalim Javed	HoD Chemistry	In the Chair
Prof. Sunil Khare	Professor (III, 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.

Agenda item I: To finalize the panel of examiners for getting set question papers/conducting practical exams of M.Sc. IV, B.Sc.-M.Sc. VI, IV and some backlog papers.

HoD placed before the committee the list of theory and practical papers for which the end semester examinations has to be conducted from 22nd May 2021 in order to finalize the panel of examiners for setting the question papers/conducting practical exams. HoD also informed the house about the willingness of Dean that question papers may be got set by the external examiners to improve the quality of the examinations.

It was thoroughly deliberated all the members of the BoS appreciated the concern of the Dean SCLS for setting question paper externally. However, under the present devastating conditions of Corona pandemic, the members of the BoS are of the opinion that the examinations may be conducted internally and accordingly all the question papers including backlog papers should be set by internal examiners for the smooth conduct of the semester exams.

Agenda item II: Deliberation on the request of the students of B.Sc. chemistry to include two papers on mathematics (04 credits each) for the students of B.Sc-M.Sc. elective papers.

HoD informed the members of the committee that candidates passing out B.Sc (Hons.) Chemistry from Jamia Hamdard do not fulfil the eligibility criteria for admission to M.Sc. course in many Indian Universities. The minimum eligibility criteria in other universities that the candidate must have passed B.Sc. (Chemistry) with at least two papers of Mathematics (04 credits each).

The current syllabus includes a paper on 'Basics of Mathematics' of 02 credits only. Recently students of B.Sc. VI semester submitted an application requesting for introducing one more paper of mathematics into the existing syllabus B.Sc.

Request of the students was deliberated upon and it was resolved that the Department may include mathematics papers so that the students may become eligible for MSc Chemistry programs of other universities.

The following committee has been constituted to design the syllabus of two mathematics papers (04 credits each).

- Dr. M. Samim, Associate Professor (Chairman)
- Dr. ~~S.S. Ashraf~~ ^{Amit Bhoosan}, Assistant Professor, Department of Computer science & Engineering.
- Dr. Sohrab Ali, Faculty, Department of Computer science & Engineering.

Any other item

Dr Samim informed the members that the School may discontinue the Foundation course at PG level as it was consuming a lot precious time as discussed in the meeting of HoDs (3rd in the series) held in the office of the Dean, SCLS on April 9, 2021 (Friday) at 10.30 A.M. onward.

BoS discussed the matter to continue or not to continue of Foundation course in M.Sc program. Accordingly BoS constituted the following committee to give their opinion on the merit of the proposal so that credits required for the fulfilment of MSc course could be accordingly adjusted.

- Prof M S Alam. (Chairman)
- Dr Hinna Hamid
- Dr M Samim

Meeting ended with thanks to all members of BoS.

- Prof Kalim Javed, Department of Chemistry, SCLS
- Prof. Sunil Khare, IIT, Delhi
- Prof. Sunil Sharma, University of Delhi
- Prof. M.S. Alam, Department of Chemistry, SCLS
- Dr. Hinna Hamid, Assoc. Prof., Department of Chemistry, SCLS
- Dr. Mohd. Samim, Assoc. Prof., Department of Chemistry, SCLS
- Dr. Syed Shafi, Assist. Prof., Department of Chemistry, SCLS
- Dr. Imran A. Khan, Assist. Prof., Department of Chemistry, SCLS

In the Chair 

Co-opted Member

Co-opted Member

Member

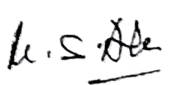
Member

Member


Member

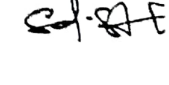
Special Invitee

Refer to Annex.











Remote-MTA: dns: smtp2.iitd.ac.in. (103.27.10.44, the server for the domain chemistry.iitd.ac.in.)
Diagnostic-Code: smtp; 550 5.1.1 <skhare@chemistry.iitd.ac.in>: Recipient address rejected: User unknown in relay recipient table
Last-Attempt-Date: Sun, 02 May 2021 10:12:03 -0700 (PDT)

----- Forwarded message -----

From: "K. Javed" <kjaved@jamiahamdard.ac.in>
To: skhare@rocketmail.com, skhare@chemistry.iitd.ac.in, sk.sharma90@gmail.com, Mohammad Sarwar Alam <msalam@jamiahamdard.ac.in>, "Hinna .hamid" <hhamid@jamiahamdard.ac.in>, "M.Shamim" <mshamim@jamiahamdard.ac.in>, Syed Shafi <syedshafi@jamiahamdard.ac.in>, "Imran Ahmad Khan (Asstt Prof. Deptt Chemistry)" <imranakhan@jamiahamdard.ac.in>
Cc:
Bcc:
Date: Sun, 2 May 2021 22:41:48 +0530
Subject: Minutes of meeting/BoS/ May 2021
----- Message truncated -----

SUNIL KUMAR KHARE <skhare@rocketmail.com>

Mon, May 3, 2021 at 2:01 PM

Reply-To: skhare@rocketmail.com

To: skhare@chemistry.iitd.ac.in, sk.sharma90@gmail.com, Mohammad Sarwar Alam <msalam@jamiahamdard.ac.in>, "Hinna .hamid" <hhamid@jamiahamdard.ac.in>, "M.Shamim" <mshamim@jamiahamdard.ac.in>, Syed Shafi <syedshafi@jamiahamdard.ac.in>, "Imran Ahmad Khan (Asstt Prof. Deptt Chemistry)" <imranakhan@jamiahamdard.ac.in>, "K. Javed" <kjaved@jamiahamdard.ac.in>

Dear Professor Javed,
I herewith approve the minute as the member of BOS.
Regards
Sunil Khare

--

Dr Sunil Khare, FRSC, FBRs, FMSc, FNAAS
Dean (R&D) & institute Chair Professor of Biochemistry
Enzyme and Microbial Biochemistry Lab, Dept. of Chemistry
Indian Institute of Technology Delhi
New Delhi-110016 India
Web: web.iitd.ac.in/~skkhare/
Tel: +91-11-2659 6533

[Quoted text hidden]

M.Shamim <mshamim@jamiahamdard.ac.in>

Mon, May 3, 2021 at 2:17 PM

To: skhare@rocketmail.com

Cc: skhare@chemistry.iitd.ac.in, sk.sharma90@gmail.com, Mohammad Sarwar Alam <msalam@jamiahamdard.ac.in>, "Hinna .hamid" <hhamid@jamiahamdard.ac.in>, Syed Shafi <syedshafi@jamiahamdard.ac.in>, "Imran Ahmad Khan (Asstt Prof. Deptt Chemistry)" <imranakhan@jamiahamdard.ac.in>, "K. Javed" <kjaved@jamiahamdard.ac.in>

Respected Members of BoS I hereby approved the minutes of meeting.

With regards

[Quoted text hidden]

Mon, May 3, 2021 at 2:45 PM

Sunil Sharma <sk.sharma90@gmail.com>

To: "K. Javed" <kjaved@jamiahamdard.ac.in>

Cc: "Hinna .hamid" <hhamid@jamiahamdard.ac.in>, "Imran Ahmad Khan (Asstt Prof. Deptt Chemistry)" <imranakhan@jamiahamdard.ac.in>, "M.Shamim" <mshamim@jamiahamdard.ac.in>, Mohammad Sarwar Alam <msalam@jamiahamdard.ac.in>, Syed Shafi <syedshafi@jamiahamdard.ac.in>, skhare@chemistry.iitd.ac.in, skhare@rocketmail.com

Dear Professor Javed,

The minutes of meeting are in order, please go ahead.

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)

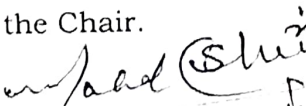
Agenda:

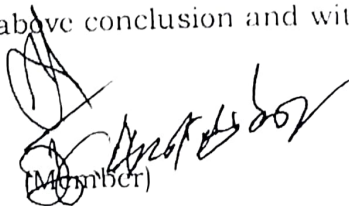
Discuss and Design the final syllabus B.Sc-M.Sc integrated (Chemistry) Course Program.

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)

Mathematics-I

(Calculus & Differential Equations) (04 Credits)

UNIT-1: Calculus

Indeterminate forms, Curvature, Cartesian, Polar and parametric formulae for radius of curvature, Applications of definite integrals to evaluate surface areas and volumes of revolutions.

UNIT-2: Multivariable Calculus: Differentiation

Differentiation of functions of several variables, Euler's theorem on homogeneous functions, Directional derivatives, Total derivative. Gradient. Curl and divergence.

UNIT-3: Multivariable Calculus: Integration

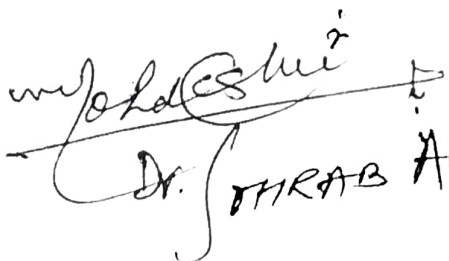
Double and triple integrals. Change of order of integration in double integrals. Change of variables. Theorems of Green, Gauss and Stokes (without proof).

UNIT-4: First Order Ordinary & Partial Differential Equations

Exact, linear and Bernoulli's equations. Euler's equations. Equations not of first degree: equations solvable for p . equations solvable for y . equations solvable for x and Clairaut's type. First order partial differential equations, solutions of first order linear and non-linear PDEs.

Text / References:

1. G.B. Thomas and R.L. Finney, "Calculus and Analytic geometry", Pearson, 2002.
2. T. Veerarajan, "Engineering Mathematics", McGraw-Hill, New Delhi, 2008.
3. B. V. Ramana, "Higher Engineering Mathematics", McGraw Hill, New Delhi, 2010.
4. N.P. Bali and M. Goyal, "A text book of Engineering Mathematics", Laxmi Publications, 2010.
5. B.S. Grewal, "Higher Engineering Mathematics", Khanna Publishers, 2000.
6. E. Kreyszig, "Advanced Engineering Mathematics", John Wiley & Sons, 2006.
7. S. L. Ross, "Differential Equations", Wiley India, 1984.
8. E. A. Coddington, "An Introduction to Ordinary Differential Equations", Prentice Hall India, 1995.
9. E. L. Ince, "Ordinary Differential Equations", Dover Publications, 1958.
10. G.F. Simmons and S.G. Krantz, "Differential Equations", McGraw Hill, 2007


Dr. JYOTI CHAVHAN
Ala.


Dr. Jyoti Chavhan
Ala.



Mathematics-II

(Probability & Statistics) (04 Credits)

UNIT-1: Basic Probability

Probability spaces, conditional probability, independence: Discrete random variables, Independent random variables, the multinomial distribution, Poisson approximation to the binomial distribution, infinite sequences of Bernoulli trials, sums of independent random variables: Expectation of Discrete Random Variables, Moments, Variance of a sum, Correlation coefficient, Chebyshev's Inequality.

UNIT-2: Continuous Probability Distributions & Bivariate Distributions

Continuous random variables and their properties, distribution functions and densities, normal, exponential and gamma densities, Bivariate distributions and their properties, distribution of sums and quotients, conditional densities, Bayes' rule.

UNIT-3: Basic & Applied Statistics

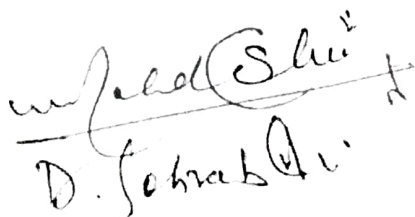
Measures of Central tendency: Moments, skewness and Kurtosis - Probability distributions: Binomial, Poisson and Normal - evaluation of statistical parameters for these three distributions, Correlation and regression Rank correlation, Curve fitting by the method of least squares- fitting of straight lines, second degree parabolas and more general curves.

UNIT-4: Large & Small samples

Test of significance: Large sample test for single proportion, difference of proportions, single mean, difference of means, and difference of standard deviations. Test for single mean, difference of means and correlation coefficients, test for ratio of variances - Chi-square test for goodness of fit and independence of attributes.

Text / References:

1. E. Kreyszig, "Advanced Engineering Mathematics", John Wiley & Sons, 2006.
2. P. G. Hoel, S. C. Port and C. J. Stone, "Introduction to Probability Theory", Universal Book Stall, 2003.
3. S. Ross, "A First Course in Probability", Pearson Education India, 2002.
4. W. Feller, "An Introduction to Probability Theory and its Applications", Vol. 1, Wiley, 1968.
5. N.P. Bali and M. Goyal, "A text book of Engineering Mathematics", Laxmi Publications, 2010.
6. B.S. Grewal, "Higher Engineering Mathematics", Khanna Publishers, 2000.
7. T. Veerarajan, "Engineering Mathematics", Tata McGraw-Hill, New Delhi, 2010.


D. Jyoti


Dr. Anil B. Sol



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 (SCL.S) has been running a five-year (ten semesters) full time B.Sc.-M.Sc. integrated program since 2017 with exit option with B.Sc. Hons degree in Chemistry. Dean office (SCL.S) 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 SCL.S to look into the curriculum and bylaws of the course

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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 to 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

mail copy attached

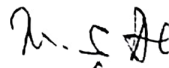
• Prof. Sunil Sharma, University of Delhi

Co-opted Member

has with

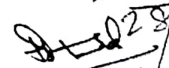
• Prof. M.S.Alam, Department of Chemistry, SCLS

Member



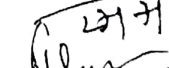
• Dr. Hinna Hamid, Assoc. Prof., Department of Chemistry, SCLS

Member



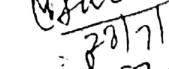
• Dr. Mohd. Samim, Assoc. Prof., Department of Chemistry, SCLS

Member



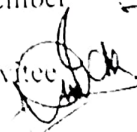
• Dr. Syed Shafi, Assist. Prof., Department of Chemistry, SCLS

Member



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

Special Invitee



The foundation course in M.Sc. Programme of Department of Chemistry, SCLS which are rudimentary for post graduate students of chemistry. Besides a considerable amount of time (Ten periods/ week) is utilised towards foundation course and thereby making it strenuous for the students to cope up with the main course of Chemistry.

It is therefore recommended 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.

The proposed changes have been summarized in the table below

M.Sc. PROGRAMME IN CHEMISTRY COURSES OF STUDY

I SEMESTER (existing courses)

Paper Code	Title of the Paper	Category	Semester Exam	Internal Assessment	Total Marks	Hours per week		Course Credit
						L	P	
MFC - 001	Foundation Course	Foundation	150	50	200	08	00	08
MCHCC -101	Physical Chemistry - I	Core	75	25	100	03	00	03
MCHCC -102	Organic Chemistry - I	Core	75	25	100	03	00	03
MCHCC-103	Inorganic Chemistry - I	Core	75	25	100	03	00	03
MCHCC-104	Lab. Course in Physical Chemistry- I	Core	75	25	100	00	06	03
MCHCC-105	Lab. Course in Inorganic Chemistry - I	Core	75	25	100	00	06	03
MCHCC-106	Lab. Course in Organic Chemistry-I	Core	75	25	100	00	06	03
Total: I Semester			600	200	800	17	18	26

I SEMESTER (proposed courses)

Paper Code	Title of the Paper	Paper Category	Semester Exam	Internal Assessment	Total Marks	Hours per week		Course Credit
						L	P	
MCHCC -101	Physical Chemistry - I	Core	75	25	100	03	00	03
MCHCC -102	Organic Chemistry - I	Core	75	25	100	03	00	03
MCHCC-103	Inorganic Chemistry - I	Core	75	25	100	03	00	03
MCHCC -104	Analytical Chemistry	Core	75	25	100	03	00	03
MCHCC-105	Lab. Course in Physical Chemistry- I	Core	75	25	100	00	06	03
MCHCC-106	Lab. Course in Inorganic Chemistry- I	Core	75	25	100	00	06	03
MCHCC-107	Lab. Course in Organic Chemistry-I	Core	75	25	100	00	06	03
Total: I Semester			525	175	700	112	18	21

II SEMESTER (existing Courses)

Paper Code	Title of the Paper	Paper Category	Semester Exam	Internal Assessment	Total Marks	Hours per week		Course Credit
						L	P	
MCHCC - 201	Physical Chemistry - II	Core	75	25	100	03	00	03
MCHCC - 202	Organic Chemistry - II	Core	75	25	100	03	00	03
MCHCC - 203	Inorganic Chemistry - II	Core	75	25	100	03	00	03
MCHCC - 204	Analytical Chemistry	Core	75	25	100	03	00	03
MCHCC - 205	Applications of Spectroscopy	Core	75	25	100	03	00	03
MCHCC - 206	Lab. Course in Physical Chemistry - II	Core	75	25	100	00	06	03
MCHCC - 207	Lab. Course in Inorganic Chemistry - II	Core	75	25	100	00	06	03
MCHCC - 208	Lab. Course in Organic Chemistry - II	Core	75	25	100	00	06	03
Total: II Semester			600	200	800	15	18	24
Total: I Semester and II Semester			1200	400	1600			50

II SEMESTER (changes proposed)

Paper Code	Title of the Paper	Paper Category	Semester Exam	Internal Assessment	Total Marks	Hours per week		Course Credit
						L	P	
MCHCC -201	Physical Chemistry - II	Core	75	25	100	03	00	03
MCHCC -202	Organic Chemistry - II	Core	75	25	100	03	00	03
MCHCC -203	Inorganic Chemistry - II	Core	75	25	100	03	00	03
MCHCC-204	Applications of Spectroscopy	Core	75	25	100	03	00	03
MCHCC-205	Lab. Course in Physical Chemistry - II	Core	75	25	100	00	06	03
MCHCC-206	Lab. Course in Inorganic Chemistry - II	Core	75	25	100	00	06	03
MCHCC-207	Lab. Course in Organic Chemistry - II	Core	75	25	100	00	06	03
Total: II Semester			525	175	700	12	18	21
Total: I Semester and II Semester			1050	350	1400			42

Submitted for approval from BoS of Department of Chemistry

Dr Hinna Hamid

Prof M S Alam

Dr. M. Samin

16/7/2021

Dr. Syed Shafi
Asst Professor
Department of Chemistry
Jamia Hamdard
Hamdard Nagar
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Sunil Sharma <sk.sharma90@gmail.com>

Tue, Jul 27, 2021 at 5:51 PM

To: "K. Javed" <kjaved@jamiahamdard.ac.in>

Cc: skhare@rocketmail.com, Mohammad Sarwar Alam <msalam@jamiahamdard.ac.in>, "Hinna .hamid"

<hhamid@jamiahamdard.ac.in>, "M. Shamim" <mshamim@jamiahamdard.ac.in>, Syed Shafi

<syedshafi@jamiahamdard.ac.in>, "Imran Ahmad khan (Asstt Prof. Deptt Chemistry)" <imranakhan@jamiahamdard.ac.in>

Dear Professor Kalim Javed,

The minutes of the BoS meeting are recorded correctly and truly reflect the discussion and resolutions made, it is approved by me.

Best regards,

Professor Sunil K. Sharma

Department of Chemistry

University of Delhi

Delhi -110007

Email: sk.sharma90@gmail.com; sksharma@chemistry.du.ac.in

http://www.du.ac.in/du/uploads/Faculty%20Profiles/Chemistry/Chemistry_Sunil_Sharma.pdf

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SUNIL KUMAR KHARE <skhare@rocketmail.com>

Wed, Jul 28, 2021 at 10:46 AM

Reply-To: skhare@rocketmail.com

To: sk.sharma90@gmail.com, Mohammad Sarwar Alam <msalam@jamiahamdard.ac.in>, "Hinna .hamid"

<hhamid@jamiahamdard.ac.in>, "M. Shamim" <mshamim@jamiahamdard.ac.in>, Syed Shafi

<syedshafi@jamiahamdard.ac.in>, "Imran Ahmad khan (Asstt Prof. Deptt Chemistry)" <imranakhan@jamiahamdard.ac.in>

"K. Javed" <kjaved@jamiahamdard.ac.in>

Dear Prof. Javed,

Greetings!

The Minutes of the BoS meeting are recorded well. I approve the Minutes of the meeting.

With kind regards,

Sunil Khare

--

Dr Sunil Khare, FRSC, FBRS, FMSc, FNAAS

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