

MINUTES OF 4TH MEETING
OF
BOARD OF STUDIES (BOS)

DEPARTMENT OF CHEMISTRY
(INSTITUTE OF APPLIED SCIENCES AND
HUMANITIES)



APRIL 13, 2019



Board of Studies
Department of Chemistry
Institute of Applied Sciences and Humanities

Minutes of the 4th meeting of board of studies held on April 13, 2019 at 11:30 am in room no. 123, Academic block-7.

The following members were present:

S. No.	Name of the members & affiliation
1	Prof. Rajneesh Mishra, Department of Chemistry, IIT Indore, Madhya Pradesh.
2	Prof. Manmohan Srivastava, Department of Chemistry, Dayalbagh Educational Institute, Agra
3	Prof. Sanjay Sen Gupta, Scientist (G), CSIR, New Delhi.
4	Prof. D. K. Das, Department of Chemistry, GLAU, Mathura
5	Dr. Prabal Pratap Singh, Department of Chemistry, GLAU, Mathura
6	Dr. Abhishek Srivastava, Department of Chemistry, GLAU, Mathura
7	Dr. Basant Lal, Department of Chemistry, GLAU, Mathura
8	Dr. Vivek Sharma, Department of Chemistry, GLAU, Mathura
9	Dr. Vinod Vashistha, Department of Chemistry, GLAU, Mathura
10	Dr. Dipak Kumar Das, Department of Chemistry, GLAU, Mathura

The Chairman Board of Studies welcomed all the members and started proceedings of the 4th meeting of BoS in accordance with the agenda note circulated earlier. After this, the agenda was taken up for discussion.

Item No.-4.1. To confirm the minutes of the 3rd BoS meeting held on 24th February 2018.

- *The minutes of the meeting of 3rd BoS held on 24th February 2018 were confirmed.*

Item No.-4.2. To discuss & approve the course structure and credits distribution of B. Sc. (H) Chemistry and M. Sc. Chemistry as per CBCS under UGC guidelines effective from session 2018-19.

- *Considering the guidelines led by UGC for CBCS, the expert members of BOS discussed and approved the course structure and credit distribution of B. Sc. (H) Chemistry and M. Sc. Chemistry as per CBCS.*
- *As per UGC regulations for CBCS, minimum 140 credits are required for B. Sc. (H) Chemistry and 90 credits for M. Sc. Chemistry.*
- *A detailed description of course structure and credit distribution of B. Sc. (H) Chemistry and M. Sc. Chemistry as per CBCS is attached as Annexure-I & II.*

Item No.-4.3. To discuss & approve the changes/modifications in the B. Sc. (H) Chemistry I-year syllabi as per CBCS.

- *The credits and contents of following courses have been revised to meet the credit requirements for CBCS. The details of the courses revised is as follows:*

Programme with Code	No. of Courses	Name of the courses revised
B. Sc. (H) Chemistry (7010)	4	1. General Chemistry-I 2. General Chemistry-II 3. Chemistry Lab-I 4. Chemistry Lab-II

- *The members of BOS approved the changes in code and contents.*
- *The syllabus of revised syllabi is attached as Annexure-III.*

Item No.-4.4. To discuss & approve the changes/modifications in the M. Sc. (H) Chemistry I-year syllabi as per CBCS.

- *Based on the feedback received from faculty members and students, it is recommended to add introductory part for better understanding of concepts of Chemical Kinetics and Electrochemistry in Physical Chemistry-I. The details of the courses revised is as follows:*

Programme with Code	No. of Courses	Name of the courses revised
M Sc. Chemistry (5010)	1	Physical Chemistry-I

- *The members of BOS approved the changes in code and contents.*
- *The syllabus of revised syllabi is attached as Annexure-IV.*

Item No.-4.5. To discuss & approve the syllabus of new courses in the B. Sc. (H) Chemistry II & III-year syllabi as per CBCS.

- *The course structure and syllabi of B. Sc. Chemistry, II Year was critically discussed for its coverage of contents in the syllabi of many competitive examinations and technical skills required for chemical-based industries. The experts and members approved the same.*
- *The course structure and newly introduced syllabi of B. Sc. Chemistry, II & III Year is attached as Annexure-V.*

Item No.-4.6. To discuss & approve the syllabus of new courses in the M. Sc. (H) Chemistry II-year syllabi as per CBCS.

- *The course structure and syllabi of M. Sc. Chemistry, II Year was critically discussed for its coverage of contents in the syllabi of many competitive examinations and technical skills required for chemical-based industries. The experts and members approved the same.*
- *The course structure and newly introduced syllabi of M. Sc. Chemistry, II Year is attached as Annexure-VI.*

Item No.-4.7. To discuss & approve the mapping of newly introduced courses on the basis of their focus on employability/ entrepreneurship/ skill development.

- *The chairman, BOS requested all the members to map the newly developed courses on the basis of their focus on employability/ entrepreneurship/ skill development. The members critically discussed and approved the contents of various courses for their focus.*

The members critically discussed and approved the contents of various courses for their focus.

- *The mapping details is attached as Annexure-VII.*

Item No.-4.8. Any other item with the permission of the chair.

- *No other item has been reported*

The meeting ended with thanks to the Chair.


D. K. Das

Chairman, BoS

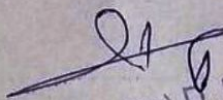
Copy to: -

1. Chairman, Academic Council
2. Director, IAH
3. Registrar, GLAU
4. All BOS members

2019-20

List of courses having focus on employability/ entrepreneurship/ skill development offered by the Department

S.No.	Name of the Course	Focus on Employability/ Entrepreneurship/ Skill development
1	Physical Chemistry-II	Employability
2	Organic Chemistry-II	Employability
3	Inorganic Chemistry -I	Employability
4	Analytical Chemistry-I	Employability
5	Chemistry Lab-III	Employability and Skill Development
6	Chemistry Lab-IV	Employability and Skill Development
7	Chemistry Lab-V	Employability and Skill Development
8	Physical Chemistry-III	Employability
9	Organic Chemistry-III	Employability
10	Inorganic Chemistry -II	Employability
11	Analytical Chemistry-II	Employability
12	Chemistry Lab-VI	Employability and Skill Development
13	Chemistry Lab-VII	Employability and Skill Development
14	Chemistry Lab-VIII	Employability and Skill Development
15	Fuel Cell Technology	Employability
16	Spectroscopy- II	Employability
17	Nano Science and Nanotechnology	Employability
18	Heterocyclic Chemistry	Employability
19	Corrosion Chemistry	Employability
20	Inorganic Chemistry Lab-II	Employability and Skill Development
21	Organic Chemistry Lab-II	Employability and Skill Development
22	Graduate Seminar	Employability and Skill Development
23	Polymer Chemistry	Employability
24	Environmental and Green Chemistry	Employability
25	Chemistry of Selected Natural Products	Employability
26	Methods in Organic Synthesis	Employability and Skill Development
27	Dissertation	Employability and Skill Development


 Prof. (Dr.) D. K. DAS
 Head, Department of Chemistry
 & Dean Students Affair
 GLA University, Mathura