

**MINUTES OF 5TH MEETING
OF
BOARD OF STUDIES (BOS)**

**DEPARTMENT OF CHEMISTRY
(INSTITUTE OF APPLIED SCIENCES AND
HUMANITIES)**



JUNE 11, 2020



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

Minutes of the 5th meeting of board of studies held on 11th June 2020 at 02:00 pm 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. D. K. Das, Department of Chemistry, GLAU, Mathura
3	Dr. Prabal Pratap Singh, Department of Chemistry, GLAU, Mathura
4	Dr. Abhishek Srivastava, Department of Chemistry, GLAU, Mathura
5	Dr. Basant Lal, Department of Chemistry, GLAU, Mathura
6	Dr. Vivek Sharma, Department of Chemistry, GLAU, Mathura
7	Dr. Vinod Vashistha, Department of Chemistry, GLAU, Mathura
8	Dr. Dipak Kumar Das, Department of Chemistry, GLAU, Mathura

The Chairman Board of Studies welcomed all the members and started proceedings of the 5th meeting of BoS in accordance with the agenda note circulated earlier. Before agenda items, chairman, BOS informed all the members about CBCS updation as per UGC guidelines for B. Sc. (H0 Chemistry and M. Sc. Chemistry which was approved by Hon'ble Vice Chancellor, GLAU on 26th Nov 2019 after recommendation by Dean Academics. After this, the agenda was taken up for discussion.

Item No.-5.1. To confirm the minutes of the 4th BoS meeting held on 13th April 2019.

- The minutes of the meeting of 4th BoS held on 13th April 2019 were confirmed and implemented.

Item No.–5.2. To discuss & approve the changes/modifications in the B. Sc. (H) Chemistry I & II-year syllabi as per CBCS.

- *Based on the feedback received from stakeholders (faculty members and students), the revision/ upgradation/ modification in the syllabi of the existing courses was proposed and approved.*
- *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)	1	I. Analytical Chemistry-II

- *The syllabus of revised syllabi is attached as Annexure-I.*

Item No.–5.3. 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, the syllabi of the several courses have been revised. The details of the courses revised is as follows:*

Programme with Code	No. of Courses	Name of the courses revised
M Sc. Chemistry (5010)	3	1. Organic Chemistry-II 2. Inorganic Chemistry Lab – II 3. Organic Chemistry Lab - II

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

Item No.–5.4. To discuss & approve introduction of new courses in the course structure of B. Sc. (H) Chemistry as per CBCS under discipline specific electives (DSE).

- *The BOS members discussed and approved the syllabi of five new courses as follows:*

Programme with Code	No. of Courses	Name of the new courses introduced
B. Sc. (H) Chemistry (7010)	5	1. Green Chemistry and Corrosion Science 2. Nanomaterials And Nanotechnology 3. Technology of Surface Coating 4. Material Science & Engineering 5. Introduction to Biophysical Chemistry

- *The detailed syllabi are attached as Annexure-III.*

Item No.–5.5. To discuss & approve introduction of new course in M. Sc. Chemistry as per CBCS under DSE category.

- *The BOS members discussed and approved the syllabus of a new course 'Environmental and green Chemistry'.*
- *The proposal of reduction of credit for 'Dissertation' in semester IV from 12 to 8 to accommodate newly introduced course 'Environmental and green Chemistry' under discipline specific electives category.*
- *The detail of new syllabi is attached as Annexure-IV.*

Item No.–5.6. To discuss & approve conversion of course in M. Sc. Chemistry as per CBCS under DSE category.

- *Owing to the importance of 'Polymer Chemistry' in different chemical industries, the conversion of 'Polymer Chemistry' course from 'DSE category' to 'core course' was discussed and approved.*

Item No.–5.7. To discuss & approve syllabus of one new elective course for B. Tech. I yr.

- *As directed by Associate Dean Academics, the department proposed inclusion of one new elective course 'Chemical Science' for First year of Engineering branches to cater the need of student diversity.*
- *The syllabus of new elective course is attached as Annexure-V.*

Item No.–5.8. 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 mapping details is attached as Annexure-VI*

Item No.-5.9. To consider and approve modification in one course and to introduce one new course in PhD Programme, as recommended by the Research Cell of the University.

- *Research Cell of the University recommended modification in the Syllabus of "Research Methodology" Course as well as recommended to introduce "Research and Publication Ethics" course in PhD Programme from the Session 2020-21. Syllabi of both the courses were duly considered by the board and subsequently approved.*

Item No.-5.10. 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

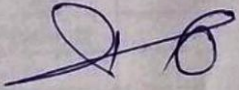
Copy to:-

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

2020-21

**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	Green Chemistry and Corrosion Science	Employability and Skill Development
2	Nanomaterials And Nanotechnology	Employability and Skill Development
3	Technology of Surface Coating	Employability and Skill Development
4	Material Science & Engineering	Skill Development
5	Introduction to Biophysical Chemistry	Skill Development
6	Soft Skills - I	Skill Development
7	Environmental and Green Chemistry	Skill Development
8	Physical Chemistry-IV	Employability and Skill Development
9	Inorganic Chemistry –III	Employability and Skill Development
10	Organic Chemistry –V	Employability and Skill Development
11	Analytical Chemistry-III	Employability and Skill Development
12	Analytical Chemistry-III	Employability and Skill Development
13	Chemistry Lab-IX	Employability and Skill Development
14	Chemistry Lab-X	Employability and Skill Development
15	Chemistry Lab-XI	Employability and Skill Development
16	Physical Chemistry-V	Employability and Skill Development
17	Chemistry Lab-XII	Employability and Skill Development
18	Organic Chemistry-IV	Employability and Skill Development
19	Project	Employability and Skill Development
20	Research and Publication Ethics	Employability and Skill Development


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