

**MINUTES OF 3<sup>RD</sup> MEETING  
OF  
BOARD OF STUDIES (BOS)**

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



**FEBRUARY 24, 2018**



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

Minutes of the 3<sup>rd</sup> meeting of board of studies held on Feb 24, 2018 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. Manmohan Srivastava, Department of Chemistry, Dayalbagh Educational Institute, Agra
3	Prof. Ajay Taneja, Department of Chemistry, Institute of Basic Science, Khandari, Agra
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. Pankaj Garg, Department of Chemistry, GLAU, Mathura
9	Dr Vinod Vashistha, Department of Chemistry, GLAU, Mathura

The Chairman Board of Studies welcomed all the members and started proceedings of the 3<sup>rd</sup> meeting of BoS in accordance with the agenda note circulated earlier. After this, the agenda was taken up for discussion.

**Item No.-3.1. To discuss & approve the syllabus of Engineering Chemistry and Engineering Chemistry Lab for B. Tech. (all engineering branches) as per choice-based credit system (CBCS).**

- *The experts and members of BOS after considering all the aspects of engineering chemistry in various branches approved the revised syllabi of Engineering Chemistry and Engineering Chemistry Lab for all branches of B.Tech. as per CBCS.*
- *The revised syllabi and of Engineering Chemistry and Engineering Chemistry Lab are attached as Annexure-I.*

**Item No.–3.2. To discuss&approve the syllabus of Environmental studies for various UG/PG programs.**

- *The experts and members of BOS discussed thoroughly and approved the modified and restructured syllabus of Environmental studies and Environmental science for various UG programs and PG program respectively.*
- *The revised syllabi are attached as Annexure-II.*

**Item No.–3.3. To discuss&approve the syllabus of Disaster Management for UG as directed by Secretary, UGC, New Delhi.**

- *As per the recommendation received from UGC (No.24-1/2016(CPP-II)), the Disaster Management course has been introduced in UG programs. The experts and members of BOS discussed and approved the syllabus of Disaster Management.*
- *The newly introduced syllabus is attached as Annexure-III.*

**Item No.–3.4. To discuss&approve the syllabus of new courses in the B.Sc. (H) Chemistry I-year as per CBCS.**

- *The course structure and syllabi of B. Sc. (H) Chemistry, I 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. (H) Chemistry, I Year is attached as Annexure-IV.*

**Item No.–3.5. To discuss&approve the syllabus of new courses in the M.Sc. (H) Chemistry I-year syllabi as per CBCS.**

- *The course structure and syllabi of M. Sc. Chemistry, I 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, I Year is attached as Annexure-V.*

**Item No.-3.6. 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.-3.7. 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

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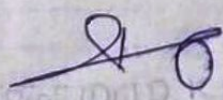
1. Chairman, Academic Council
2. Director, IAH
3. Registrar, GLAU
4. All BOS members



2018-19

**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 - I	Employability
2	General Chemistry-I	Employability
3	Algebra & Calculus	Skill Development
4	Ancillary Physics Course-I	Skill Development
5	English Language Skills-I	Skill Development
6	Fundamentals of Computers	Skill Development
7	Physics Lab – I	Skill Development
8	Chemistry Lab-I	Skill Development
9	Fundamentals of Computer Lab	Skill Development
10	Organic Chemistry-I	Employability
11	General Chemistry-II	Employability
12	Advanced Mathematics and Statistics	Skill Development
13	Ancillary Physics Course-II	Skill Development
14	English Language Skills-II	Skill Development
15	Introduction to Programming	Skill Development
16	Physics Lab - II	Skill Development
17	Chemistry Lab-II	Employability and Skill Development
18	Programming Lab	Skill Development
19	Inorganic Chemistry -I	Employability
20	Organic Chemistry-I	Employability
21	Physical Chemistry-I	Employability
22	Analytical Chemistry	Employability and Skill Development
23	Mathematics for Chemists	Skill Development
24	Biology for Chemists	Skill Development
25	Advanced Chemistry Lab	Employability and Skill Development
26	Inorganic Chemistry-II	Employability
27	Organic Chemistry-II	Employability
28	Physical Chemistry-II	Employability
29	Spectroscopy-I	Employability and Skill Development
30	Physical Chemistry Lab	Employability and Skill Development
31	Inorganic Chemistry Lab-I	Employability and Skill Development
32	Organic Chemistry Lab-I	Employability and Skill Development
33	Recent Advances in Chemistry	Employability and Skill Development
34	Spectroscopic and Analytical Techniques	Employability and Skill Development
35	Research Methodology	Employability and Skill Development

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