

**Institute of Applied Sciences & Humanities
Department of Biotechnology**

Agenda for 9th Meeting of Board of Studies

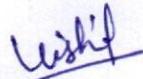
Date- 8-06-2019

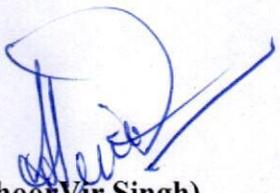
Time- 12:00 PM

Venue- Chamber of HOD Biotechnology, GLAU, Second Floor VI Block

Agenda Items-

1. Approval and Confirmation of the minutes of last meeting.
2. Approval of courses imparting employability/entrepreneurship/skill development in the B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology) programs.
3. To consider and approve introduction of CBCS (choice based credit system) in the II year of B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology) programs.
4. To consider and approve introduction of new courses in the B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology) programs.
5. Any agenda with permission of the chair.


(Dr. Vishal Khandelwal & Dr. Alok Bharadwaj)
Secretary


(Prof. Shoorvir Singh)
Chairman

GLA University
Institute of Applied Sciences & Humanities
(Department of Biotechnology)

Minutes of the 9th Meeting of Board of Studies

Date- 8/6/2019

Time- 12.00 PM

Venue- Chamber of HOD Biotechnology, GLAIPS, Second Floor VI Block

Members Present-

- Prof. S.V.Singh, HOD & Chairman BOS
- Dr. A.K.Bhatia, Prof., Dept. of Biotechnology, GLAU
- Dr. Naveen Kumar, Principal Scientist, NRCE, Hisar, Haryana
- Dr. Vishal Khandelwal, Assistant Professor, Member & Secretary BOS Biotechnology
- Dr. Alok Bhardwaj, Assistant Professor, Member & Secretary BOS Microbiology
- Dr. AnjnaGoel, Associate Professor, Member BOS
- Dr. Pradeep Choudhary, Assistant Professor, Member BOS
- Dr. Rama Sharma, Assistant Professor, Member BOS
- Mr. Aditya Saxena, Assistant Professor, Member BOS
- Mrs. Anuja Mishra, Assistant Professor, Member BOS
- Dr. Gaurav Pant, Assistant Professor, Member BOS
- Dr. Praveen Singh, Assistant Professor, Member BOS

Sub.: Meeting of Board of Studies B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. Microbiology & Immunology).

Sir,

It is to inform you that the meeting of Board of Studies in the subject of B.Sc. (Hons.) Biotechnology and M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology) has been fixed on 8th June, 2019 at 12:00 PM in the Chamber of undersigned.

The agenda in meeting will include:

- To consider and approve the minutes of last meeting of BOS.
- Approval of modified syllabi of B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology) programs as per CBCS pattern in second year.

- Approval of courses imparting employability/entrepreneurship/skill development in the B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology) programs.
- To consider and approve introduction of CBCS (choice based credit system) in the II year of B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology) programs.
- To consider and approve introduction of new courses in the B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology) programs.
- Any agenda with permission of chair.

Discussion & Suggestions:

Agenda No. I

Minutes of last meeting has been approved and confirmed

Agenda No. II:

Approval of courses having focus on employability/entrepreneurship/skill development in B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology).

Members considered and approve the same. Details enclosed as Annexure I.

Agenda No. III:

To consider and approve introduction of CBCS (choice based credit system) in the II year of B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology) programs.

Members considered and approve the same. Details enclosed as Annexure II.

Agenda No. IV:

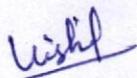
To consider and approve introduction of new courses in the B.Sc. (Hons.) Biotechnology, M.Sc. (Biotechnology) and M.Sc. (Microbiology & Immunology) programs.

On the basis of feedback obtained from various stakeholders (Student, Alumni, Faculty and Employer) department presented detail of new courses to be introduced. After thorough discussion BOS approved the same. Details enclosed as Annexure III.

Agenda No. V:

Any agenda with permission of the chair.

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



(Dr. Vishal Khandelwal & Dr. Alok Bharadwaj)
Secretary



(Prof. ShoorVir Singh)
Chairman



GLA
UNIVERSITY
MATHURA
Recognized by UGC Under Section 2(B)

Accredited with **A** Grade by NAAC

List of New Courses Introduced during Session 2019-20

B.Sc.(H)Biotechnology – II year

Molecular Biology
Plant Science I
Biochemistry
Stem Cell Technology
Bioinformatics
Molecular Biology Lab
Plant Science I Lab
Biochemistry Lab
Bioinformatics Lab
Instrumentation and Bio - Analytical Techniques
Microbiology
Immunology
Drug Discovery & Development
Clinical Microbiology
Instrumentation and Bio - Analytical Techniques Lab
Microbiology Lab
Immunology Lab
Clinical Microbiology lab

M.Sc. (Biotechnology) – II Year

Animal Biotechnology
Bioprocess Engineering & Fermentation Technology
RDT, Genomics & Proteomics
Plant Biotechnology
Nano biotechnology
Enzyme Technology
Clinical Research in Medicinal Plants
Clinical Immunology
Nutritional Biochemistry
Drug Discovery and Development
IPR, Patent, Trademarks & Bioethics
Plant Biotechnology and Bioprocess Engineering & Fermentation Technology Lab
Animal Biotechnology, RDT and Genomics & Proteomics Lab
Enzyme Technology Lab
Clinical Research in Medicinal Plants Lab
Clinical Immunology Lab
Project Work

M.Sc. (Microbiology & Immunology) – II Year

Fermentation Technology and Industrial Microbiology
Food, Dairy and Agricultural Microbiology
Environmental Microbiology
Advanced Immunology
Animal Cell Culture
Fermentation Technology, RDT & Genomics&Proteomics Lab
Food, Dairy, Agricultural Microbiology & Advanced Immunology Lab
Animal Cell Culture Lab
Environmental Microbiology Lab
Nanobiotechnology Lab
Project Work



Dr. S.V. Singh
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GLA University, Mathura (U.P.), INDIA