

# DAV University, Jalandhar

## Department of Biotechnology

### Proceedings of Board of Studies Meeting

A meeting of the Board of Studies in the Department of Biotechnology was held on 14 May, 2019 at 1.00 PM in committee room, Administrative Block, DAV University, Jalandhar.

Following members were present in the meeting:

1. Prof. (Dr.) Jyoti Vakhlu (External Expert)  
Professor & Director  
School of Biotechnology, University of Jammu, Jammu
  2. Dr. Yogesh Kumar  
Assistant Professor  
Department of Biotechnology, DAV University, Jalandhar
  3. Dr. Praveen Guleria  
Assistant Professor  
Department of Biotechnology, DAV University, Jalandhar
  4. Dr. Vikas Sharma  
Assistant Professor  
Department of Biotechnology, DAV University, Jalandhar
  5. Dr. Mohit Sharma  
Assistant Professor  
Department of Biotechnology, DAV University, Jalandhar
  6. Dr. Preeti Solanki  
Assistant Professor  
Department of Biotechnology, DAV University, Jalandhar
1. It was discussed and unanimously resolved to approve the proposed outline of schemes and syllabi of the courses of reading for the following programs of Batch 2019:
- a) B.Sc. (Hons.) Biotechnology
  - b) M.Sc. (Hons.) Biotechnology
  - c) Ph.D. Biotechnology

2. It was discussed and unanimously agreed upon to make following changes in the syllabi with respect to previous year:

#### *B.Sc. (Hons.) Biotechnology*

i. Course codes and course names of following courses in B.Sc. (Hons.) Biotechnology syllabus were changed as follows:

S. No.	Previous Course Code	Previous Course Name	Proposed Course Code	Proposed Course Name
1	BTY231	Genetics	BTY231A	Basic Genetics
2	BTY232	Genetics Laboratory	BTY232A	Basic Genetics Laboratory
3	BTY121	Cell Biology	BTY121A	Fundamentals of Cell Biology
4	BTY122	Cell Biology Laboratory	BTY122A	Fundamentals of Cell Biology Laboratory
5	BTY241	Molecular Biology	BTY241A	Fundamentals of Molecular

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				Biology
6	BTY242	Molecular Biology Laboratory	BTY242A	Fundamentals of Molecular Biology Laboratory
7	BTY111	Plant Biotechnology	BTY111A	Fundamentals of Plant Biotechnology
8	BTY112	Plant Biotechnology Laboratory	BTY112A	Fundamentals of Plant Biotechnology Laboratory
9	BTY353	Recombinant DNA technology	BTY353A	Introduction to Genetic Engineering
10	BTY354	Recombinant DNA technology Laboratory	BTY354A	Introduction to Genetic Engineering Laboratory
11	BTY397	Food Biotechnology	BTY397A	Introduction to Food Biotechnology
12	BTY398	Food Biotechnology Laboratory	BTY398A	Introduction to Food Biotechnology Laboratory
13	BTY391	Animal Biotechnology	BTY391A	Basics of Animal Biotechnology
14	BTY392	Animal Biotechnology Laboratory	BTY392A	Basics of Animal Biotechnology Laboratory
15	BTY393	Virology	BTY393A	Basic Virology
16	BTY394	Virology Laboratory	BTY394A	Basic Virology Laboratory
17	BTY383	Enzymology	BTY383A	Introduction to Enzymology
18	BTY384	Enzymology Laboratory	BTY384A	Introduction to Enzymology Laboratory
19	BTY385	Environmental Biotechnology	BTY385A	Fundamentals of Environmental Biotechnology
20	BTY386	Environmental Biotechnology Laboratory	BTY386A	Fundamentals of Environmental Biotechnology Laboratory
21	BTY371	Immunology-	BTY371A	Basic Immunology
22	BTY372	Immunology Laboratory	BTY372A	Basic Immunology Laboratory
23	MIC111A	General Microbiology	MIC111B	Introductory Microbiology
24	MIC112A	General Microbiology Laboratory	MIC112B	Introductory Microbiology Laboratory

- ii. Editions of text books and reference books were updated wherever applicable
- iii. Scheme for assessment of the students has been included keeping in view the revised examination policy of the University.
- iv. Format of mid-semester examination and end-semester examination question papers have been included in the syllabus for ready reference of the students.
- v. Programme mission, programme learning outcomes, and course objective & learning outcomes in each course have been added.

### *M.Sc. (Hons.) Biotechnology*

- i. Course contents of BTY515A Biochemistry have been updated and restructured. Glycogen metabolism, introduction to enzymes, and protein and nucleic acid metabolism have been added.
- ii. Editions of reference books were updated wherever applicable.
- iii. Scheme for assessment of the students has been included keeping in view the revised examination policy of the University.

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- iv. Format of mid-semester examination and end-semester examination question papers have been included in the syllabus for ready reference of the students.
- v. Programme mission, programme learning outcomes, and course objective & learning outcomes in each course have been added.

3. It was discussed and unanimously resolved to offer following value-added to graduate and post-graduate students to be opted by students in addition to his/her existing credits:

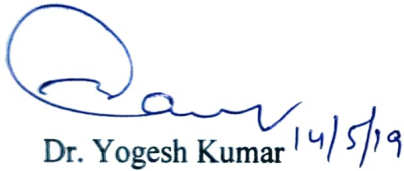
BTY401: Entrepreneurship in Plant Tissue Culture

BTY402: Protein Science and Engineering

BTY403: Quality Assurance and Quality Control in Pharmaceutical Industry



Prof. (Dr.) Jyoti Vakhlu (External Expert)



Dr. Yogesh Kumar 14/5/19



Dr. Preeti Solanki



Dr. Praveen Guleria



Dr. Vikas Sharma



Dr. Mohit Sharma