

# **DAV University, Jalandhar**

## **Department of Biotechnology**

### **Proceedings of Meeting**

A meeting of the Board of Studies in the Department of Biotechnology was held on 21<sup>st</sup> May, 2018 at 11.00 a.m. in room no. AD-10, 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. Lakhmir Singh  
Assistant Professor  
Department of Biotechnology, DAV University, Jalandhar
3. Dr. Yogesh Kumar  
Assistant Professor  
Department of Biotechnology, DAV University, Jalandhar
4. Dr Praveen Guleria  
Assistant Professor  
Department of Biotechnology, DAV University, Jalandhar
5. Dr. Vikas Sharma  
Assistant Professor  
Department of Biotechnology, DAV University, Jalandhar
6. Dr. Indu Barwal  
Assistant Professor  
Department of Biotechnology, DAV University, Jalandhar

Dr. Sudhir Kumar Sharma, Chief Scientific and Operative Officer Panacea Biotec Ltd. (Industrial Expert), was unable to attend the meeting.

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 2018:

- a) B.Sc. (Hons.) Biotechnology

- b) M.Sc. (Hons.) Biotechnology
- c) Ph.D. Biotechnology

It was discussed and unanimously agreed upon to make following changes in the syllabi:

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

1. In 1<sup>st</sup> semester, 'Membrane Biology and Bioenergetics' and 'Membrane Biology and Bioenergetics Laboratory' (BCH216 & BCH217) were added in generic elective list
2. In 2<sup>nd</sup> semester, 'Bacteriology' and 'Bacteriology Laboratory' (MIC113 & MIC114) were added in generic elective list
3. In 3<sup>rd</sup> semester, 'Microbial Physiology' and 'Microbial Physiology Laboratory' (MIC221 & MIC222) were added in generic elective list
4. In 4<sup>th</sup> semester, 'Microbial Genetics' and 'Microbial Genetics Laboratory' (MIC225 & MIC226), 'Proteins and enzymes' and 'Proteins and enzymes Laboratory' (BCH218 & BCH219) were added in generic elective
5. Latest edition of the books in suggested readings should be added wherever applicable.
6. Units of all the courses should have equal amount of content and weightage throughout.


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

1. In 1<sup>st</sup> semester 'Scientific Writing and Research Methodology' was included as open elective/interdisciplinary course.
2. 'Biostatistics and Research Methodology' was replaced with 'Biostatistics' in the core courses of 2<sup>nd</sup> Semester
3. 'Enzymology' was introduced as departmental elective in 4<sup>th</sup> semester.
4. Project work in the second year may be allotted to the students on merit basis. Selection of the students for the projects will be made by the end of their 2<sup>nd</sup> semester. Students selected for 'Project Part I' will opt for 'Project Part II' and others would have to select two departmental elective courses of equal credits.
5. Latest edition of the books in suggested readings should be added wherever applicable.
6. Units of all the courses should have equal amount of content and weightage throughout.

**Ph.D. Biotechnology**

1. BFY641: IPR should include Biodiversity laws

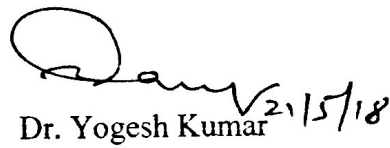
2. BFY804: Add CRISPR/Cas9 site directed nucleases

  
21/5/18

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

  
10/04/18

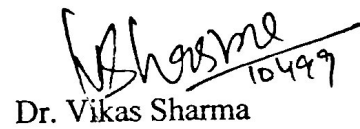
Dr. Lakhmir Singh

  
21/5/18

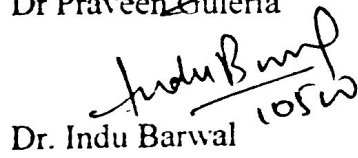
Dr. Yogesh Kumar

  
10/2/18

Dr Praveen Guleria

  
10/4/18

Dr. Vikas Sharma

  
10/5/18

Dr. Indu Barwal