

DAV University, Jalandhar

Department of Biotechnology

Proceedings of Meeting

The meeting of the Board of Studies in the Department of Biotechnology was held on 25 November, 2017 at 11.00 a.m. in Committee Room, Administrative Block, DAV University, Jalandhar.

Following members were present in the meeting:

1. Prof. (Dr.) Pratap Kumar Pati (External Expert)
Professor
Department of Biotechnology, Guru Nanak Dev University, Amrtisar
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. Vikas Sharma
Assistant Professor
Department of Biotechnology, DAV University, Jalandhar
5. Dr. Indu Barwal
Assistant Professor
Department of Biotechnology, DAV University, Jalandhar

Following agenda was discussed and resolved:

Agenda Item-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 2017:

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

Agenda Item-2

It was discussed and unanimously resolved to give *post facto* approval to scheme and syllabi of the courses of reading, as such, for the first semester of Batch 2017 for the following programs:

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

Agenda Item-3

It was discussed and unanimously resolved to approve the proposed schemes and syllabi of courses of reading for 2018 Batch admissions for the following programs:

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

Following are the important points discussed in the meeting:

B.Sc. (Hons.) Biotechnology

1. The course 'Animal Biotechnology' was earlier listed in discipline specific elective (DSE) but Prof. Pati suggested to shift it to core courses in the sixth semester.
2. On suggestion of Prof. Pati the course 'Immunology' (earlier a core course) was shifted to DSE.
3. The course 'Bioanalytical Tools' was shifted to IIIrd semester and 'Plant Biotechnology' to IVth Semester.
4. Prof. Pati suggested that there must be uniformity in the division of units and titles of the units and lecture hours should be omitted in the syllabi to make it uniform.
5. Title of the course 'Nanotechnology and Drug Designing' was changed to 'Fundamentals of Nanobiotechnology'.
6. Prof. P.K. Pati suggested to include ISSN number of the books listed in reference books.
7. Prof. P.K. Pati suggested to change the title and content of the course 'Biostatistics and Bioinformatics' (BTY345) to 'Biostatistics' and Bioinformatics was clubbed with 'Genomics and Proteomics' course and the course title was changed to 'Genomics, Proteomics and Bioinformatics'.
8. Prof. P.K. Pati suggested to add courses 'Environmental Biotechnology' and 'Herbals and Nutraceuticals' in the list of DSEs.

M.Sc. (Hons.) Biotechnology:

9. Prof. Pati suggested to list basic courses in the scheme first followed by specialized courses.
10. Prof. Pati suggested to shift the course 'Bioanalytical tools' in either 1st or 2nd semester in the scheme.
11. Prof. P.K. Pati suggested that there should not be any laboratory course in the final semester of M.Sc. because students have project work in this semester, therefore courses 'Computational Biology and Bioinformatics' may be shifted to IVth semester and 'Fermentation and Bioprocess Technology' (Theory as well as Laboratory) may be shifted to IIIrd semester.
12. Prof. P.K. Pati suggested that all the practicals course must contain a list of at least 10-12 experiments.

13. Prof. P.K. Pati suggested to restructure the 'Principle of Biochemistry' course to make it uniform and feasible to complete it in one semester.
14. Prof. P.K. Pati suggested that minimum five reference books with ISSN numbers should be listed in every course.
15. Prof. P.K. Pati suggested to elaborate some of the units in the syllabus which seem to have lesser content.
16. Prof. P.K. Pati suggested that there must be uniformity throughout the syllabus.
17. Prof. P.K. Pati suggested to restructure and redefine units in the course 'Plant Biotechnology'.

Ph.D. Biotechnology:

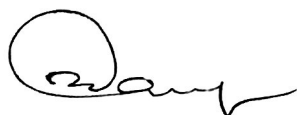
18. Prof. P.K. Pati suggested that Ph.D. course work must consist of three core courses and one inter-departmental (ID course) from a different department. He also suggested to offer at least 16 credits in the course work from 2018 session onwards.

Signatures of members present:

1. Prof. (Dr.) Pratap Kumar Pati



2. Dr. Lakhmir Singh



3. Dr. Yogesh Kumar

4. Dr. Vikas Sharma



5. Dr. Indu Barwal

