

Vivekanand Education Society's College of Arts, Science and Commerce (Autonomous)
Department of Biotechnology
Meeting with the Board of Studies (2024-25)

Date: 7th October 2024

Time: 11.00 am

Mode: Hybrid

Agenda: Review of syllabus executed under NEP from Sem I to Sem IV

Attended by:

1. Chairperson

Ms. Vinaya Jategaonkar

Coordinator, Department of Biotechnology

2. The entire faculty of each specialization:

A. Ms. Shmilona Jain

B. Ms. Geetanjali Harale

C. Ms. Ankita Jadhav

3. External Subject Expert Member:

1. Dr. Ram Kulkarni

Associate Professor

Symbiosis School of Biological Sciences

Symbiosis International

2. Dr. Bhakti Mhatre

Assistant Professor

D Y Patil University

3. University Nominee:

Dr. Sucheta Golwalkar

Head of Department (Biotechnology)

Ramniranjan Jhunjhunwala College, Ghatkopar

4. Subject Expert (R&D/ Industry):

Mr. Virochan Chavan

Sr. Clinical Data Coordinator at IQVIA

Mumbai

5. PG Alumnus:

Ms. Vishakha Mali

Genetic counselor

Neuberg Center of Genomic Medicine

Minutes of the meeting:

1. Mrs. Vinaya Jategaonkar began the meeting by welcoming all members and stating the agenda of the meeting. She emphasized on the need for modification of the approved syllabus due to obstacles faced during execution of the previously approved syllabus.
2. **Semester I : Major II: Biochemistry** has two units - Carbohydrate chemistry and Nucleic Acid Chemistry.
However teaching carbohydrate chemistry in semester I was difficult as students do not have an understanding of stereochemistry, which is taught in sem II.

The department proposed switching carbohydrate chemistry with lipid chemistry from semester III.

3. Dr Bhakti Mhatre mentioned that nucleic acid chemistry also needs a base of chemistry
4. Dr. Ram Kulkarni proposed swapping biochemistry of sem I with chemistry of sem II. This idea was accepted by all members.
5. Dr. Sucheta Golwalker indicated how modifying syllabus has to be done with caution as two batches of NEP have already commenced and later on there might be confusion regarding subjects taught in the different batches. All members agreed to the same.
6. Mrs. Vinaya Jategaonkar then presented the sem II syllabus, which was accepted as it is with no major changes.
7. **Semester III - Major II - Genetics.** It was proposed that this paper be swapped with Transcription and translation which was earlier proposed to be taught in Semester V. This was so because the VSC offered in this semester is '**Tools in Molecular Biology**' which is difficult to teach without a base of transcription and translation. This was accepted by all members.
8. **Semester IV - 2024-25 - Major I - Previously ATC, PTC.** Proposed to be replaced by Transcription and translation since this batch has not studied these topics. ATC and PTC will be placed in Sem V where these topics were previously introduced.
9. Dr. Ram Kulkarni was concerned about the loss in technical knowledge of tissue culture affecting other practical papers. Mrs. Vinaya Jategaonkar reassured that this was not the case.
10. Dr. Sucheta Golwalker suggested developing grids for all the modifications introduced in a batch wise manner to avoid confusion.
11. Mrs. Vinaya Jategaonkar agreed and suggested that a batch wise grid from Sem I - VIII will be shared with all members.
12. The meeting was concluded with a vote of thanks proposed by Mrs. Shmilona Jain.

Mrs. Vinaya Jategaonkar
Coordinator
Department of Biotechnology