

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)
Department of Biotechnology
Minutes of Board of Studies Meeting

28th September 2022

A meeting of Board of Studies (BOS) in Biotechnology subject was held through Zoom Platform (Online Mode) on 28th September 2022 at 2:30 P.M. in the Department of Biotechnology.

Following members of Board of Studies in Biotechnology subject were present for meeting.

1	Dr.(Mrs.) Ulka A Malode-Bidwai	Chairman	
2	Dr. Aarti Shanware	Subject Expert Nominee (V.C. Nominee)	Attended Online
3	Dr. Karuna Gokarn	Subject Expert Nominee (Outside the parent university)	Attended Online
4	Prof. K.P. Narkhede	Subject Expert Nominee (Outside the parent university)	Attended Online
5	Shri. Mayuresh Joshi	Representative from industry/corporate sector/allied area	Not Attended
6	Ms. Anuja Maitreya	Alumnus	Attended Online
7	Dr. Kunal Ashok Kale	Faculty Member	
8	Ms. Komal S. Dhumane	Faculty Member	

The Following points were discussed as per the agenda of meeting:

- All the members of Board of Studies in Biotechnology subject approved the minutes of last meeting which was held on 13th April 2022.
- Discussion was carried out on modification in B.Sc. Sem V and Sem VI syllabus of Biotechnology subject.
- Dr. Karuna Gokarn suggested to shift Shine and Dalgarno Sequence from Unit II to Unit IV in B.Sc. Sem V syllabus. Also suggested to shift practical- GFP Cloning in *E.coli* from Sem V to Sem VI and remove AMES Test practical from B.Sc. Sem V syllabus. She has also suggested to add Recombination Repair in Unit No. I of B.Sc. Semester V syllabus.
- Prof. K. P. Narkhede and Dr. Karuna Gokarn are of same opinion to add practical- Demonstration of Basic Bioinformatics Tool (DNA sequence retrieval, identification of Open Reading Frame and Nucleotide Blast) in B.Sc. Semester V syllabus and also suggested to change title of Unit No. VI Biotechnology Product as Recombinant DNA Technology Product in B.Sc. Sem VI syllabus.
- Dr. Karuna Gokarn suggested to add Preparation, sterilization and quality control of Animal Tissue Culture Media in B.Sc. Semester VI syllabus.
- Dr. Aarti Shanware suggested to add Basic concept of Upstream, Downstream processing and Scale-Up of fermentation process in Unit II of B.Sc. Sem VI syllabus.
- Prof. K. P. Narkhede suggested to replace practical no. 17 Bioassay of Penicillin /vitamin B12 to Bioassay of Antibiotics/Vitamins in B.Sc. Sem VI syllabus.
- Dr. Ulka Malode suggested to remove practical- Chemical mutagenesis and production of microbial mutants from B.Sc. Semester V syllabus and also suggested to remove practical- Animal tissue culture – maintenance of established cell lines and Animal Tissue Culture – Virus Cultivation from B.Sc. Semester VI syllabus.
- Dr. Kunal Kale suggested to add practical- Demonstration of gene specific primer designing using software in B.Sc. Semester V syllabus and suggested to remove practical- Preparation of Plant Tissue culture media from B.Sc. Semester VI syllabus.

- Discussion was carried out on National Education Policy (NEP). Prof. K. P. Narkhede share his views on NEP. It is decided to follow the guidelines received from RTM Nagpur University, Nagpur.
- Question paper setters, question paper moderators, answer book valuers, answer book moderators and practical examiners panel was approved in BOS meeting.



Chairman

(Dr. (Mrs.) Ulka A Malode-Bidwai)

Dr. Ulka A. Malode/Bidwai

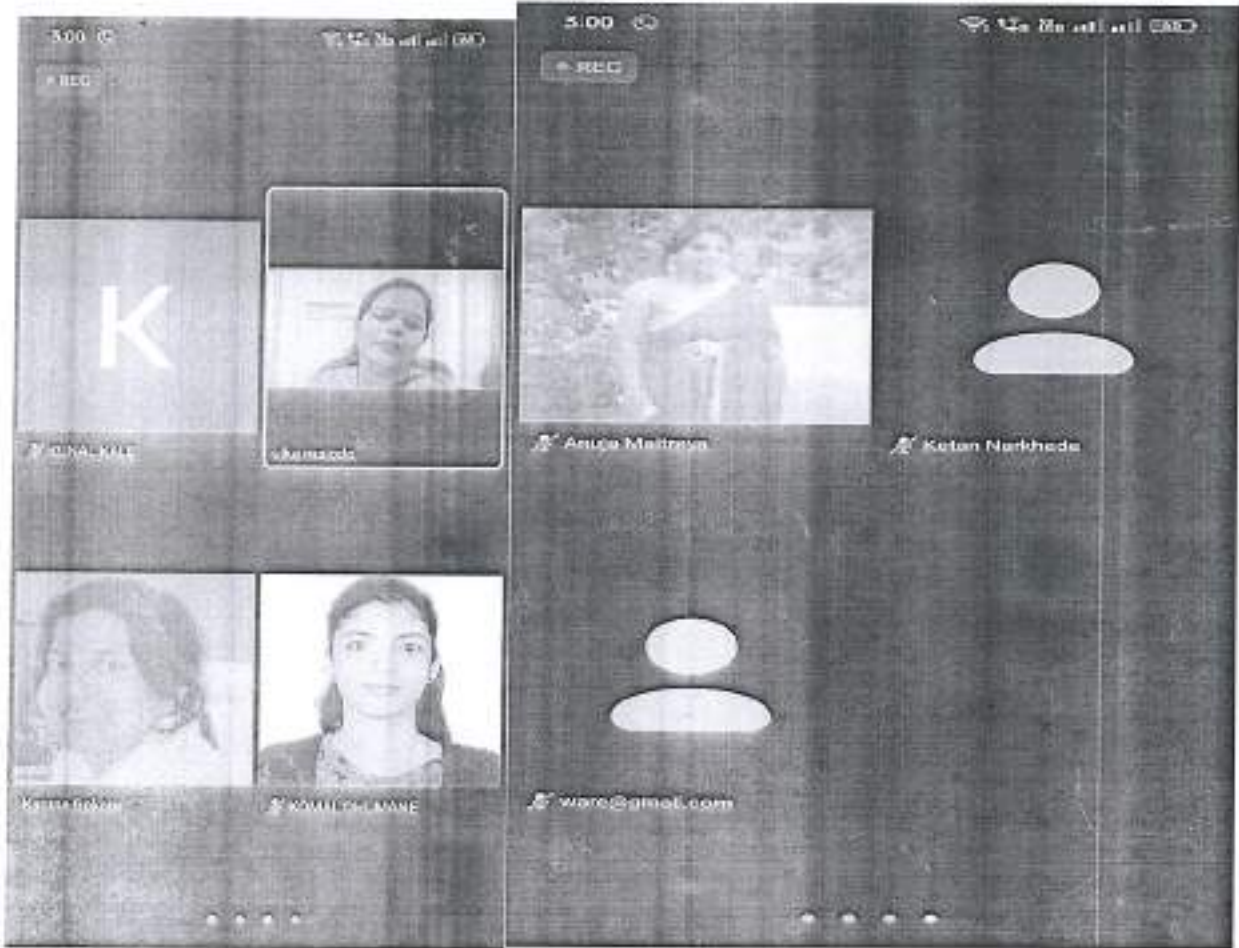
Co-ordinator

Dept. of Biotechnology

Bajaj College of Science, WARDHA

Enclosed:

1. List of Content Deleted and Content Added
2. Revised modified Syllabus of B.Sc. III (Sem V and Sem VI) approved by Board of Studies in Biotechnology.
3. Approved panel of questions paper setters, questions paper moderators, answer book valuers, answer book moderators and practical examiner by Board of Studies in Biotechnology.



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Ana A. Malode/Bidwal
 Co-ordinator
 Dept. of Biotechnology
 j College of Science, WARDHA