

Establishment Year : 1962

ShikshaMandal's

Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science, Wardha)

Autonomous College

A Linguistic Minority College

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

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Jr. College No. : 07-01-003

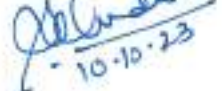
Ref No. J.B.C./2023-2024

Date :10/10/2023

Department of Microbiology

Minutes of the Meeting of BOS in Microbiology

Online meeting of Board of Studies in Microbiology was held on 10 October 2023 at 3.00 pm in department of Microbiology in blended mode offline and online (via ZOOM app). Following members attended the meeting.

Dr. Ms. S. S. Khandare	-	Chairman, Board of Studies, Associate Professor & Head Dept. of Microbiology, Bajaj College of Science, Wardha.	 - 10-10-23
Dr. Vijay Charde	-	V. C. Nominee Ex Professor and Head Microbiology Taywade College, Mahadula-Koradi Dist-Nagpur	Attended Online
Dr. Shilpa Mujumdar (Other than parent University)	-	Subject Expert HOD Microbiology & Vice Principal Modern College of Arts, Science and Commerce (Autonomous) Shivaji Nagar, Pune	Attended Online
Dr. S. D. Patankar	-	Subject Expert (Other than parent University) Former Principal Jaiswal College, Arjuni Mor, Dist. Gondiya	Attended Online

Dr. S. M. Mowade Online	-	Industry Expert Director, S. S. Technovision & Ecosolutions MIDC, Hingna, Nagpur	Attended
Mr. Nikhil Samarth Online	-	Meritorious Alumni UGC-SRF, Computational & System Biology Laboratory, National Center for Cell Science, Pune	Attended
Dr. U. A. Malode	-	Faculty Member Assistant Prof, Dept. of Microbiology Bajaj College of Science, Wardha.	<i>U. A. Malode</i> 10/10/23
Mr. M. G. Ingale	-	Faculty Member Assistant Prof. Dept. of Microbiology Bajaj College of Science, Wardha	<i>M. G. Ingale</i> 10.10.2023
Dr. B. V. Mohite	-	Faculty Member Assistant Prof. Dept. of Microbiology Bajaj College of Science, Wardha	<i>B. V. Mohite</i> 10/10/23
Ms. Snehal Banarase	-	Faculty Member Assistant Prof. (Contract Basis) Dept. of Microbiology Bajaj College of Science, Wardha	<i>S. Banarase</i> 10/10/23
Ms. Kalyani Pimpalkar	-	Faculty Member Assistant Prof. (Contract Basis) Dept. of Microbiology Bajaj College of Science, Wardha	<i>K. Pimpalkar</i> 10/10/23

The agenda of the meeting is as follows:

1. Welcome of new members of third term of Board of Studies and brief introduction of department
2. Confirmation of the minutes of last meeting
3. Discussion of NEP 2020 pattern and syllabus papers of sem I and sem II of UG and PG with new BOS members
4. Proposed syllabus of sem III and Sem IV of UG and PG as per NEP
5. Information about scheme of examination
6. Approval of panel of paper setters/moderator and valuer
7. Discussion on syllabus of new certificate courses to be start in 2023-24 session
8. Any other point with permission of chair

1. Welcome of new members of third term of Board of Studies and brief introduction of department

Dr. Mrs. S. S. Khandare welcomed all new members of BOS and also extends her gratitude to all the members of BOS in Microbiology, Bajaj College of Science, Wardha. Dr. Khandare gave brief introduction of the Shiksha Mandal and department and various courses offered to the BOS members.

2. Confirmation of minutes of last meeting held on 7th July 2023

Dr. Mrs. S. S. Khandare read out the minutes of the last meeting of BOS held on 7th July 2023 and requested all committee members for the approval of it. All BOS members approved the minutes of last BOS meeting.

3. Discussion of NEP 2020 pattern and syllabus papers of sem I and sem II of UG and PG with new BOS members

Dr. Mrs. S. S. Khandare explained Sem I and Sem II syllabus of UG and PG for the information of new BOS members. In GE-I course Food spoilage course Dr. Patankar and Dr. Charde has suggested to specify the topics like types of microbial toxins, investigation process, in food spoilage mention specific disease, in food safety specific rules. In VSEC practical the calibration of equipments addition is suggested by Dr. Patankar and Dr. Charde.

In MSc Sem I Enzymology course Dr. Patankar suggested to remove classification and nomenclature of enzymes. He also suggested to replace the haemoglobin estimation by Sahilis method with some advanced technique. Dr. Patankar also give suggestion to give assignment as to write the hypothesis by selecting a research problem in research methodology course in MSc Sem I.

4. Proposed syllabus of sem III and Sem IV of UG and PG as per NEP

GE course on 'Entrepreneurship in Microbiology' the title of the course is suggested to revised as 'Innovation and entrepreneurship in Microbiology' by Dr. Patankar and Dr. Mujumdar. In the course it suggested to include about innovation.

In VSEC III 'Care of microscope and study of different parts of microscope' is suggested to include by Dr. Patankar.

In VSEC course on 'Wine making' the 'quality control and testing of wine' is suggested by Dr. Patankar and Dr. Mujumdar.

In DSC 8 of Sem IV 'Industrial and Applied Microbiology' Dr. Patankar suggested to add one example of microbial product production by solid state fermentation but Mr. Ingale sir explained that students will learn in sem VI for enzyme production.

In VSEC 5 'Basic Techniques in Industrial Microbiology' course, Dr. Patankar suggested to add 2 practicals 'Establishment of sterilization cycle' and Calculation of oxygen transfer kinetics' but Dr. Charde has opposed to it by saying it is hard for UG level to understand. Hence it is agreed by all to include it in MSc Sem IV practical course.

In PG Sem IV course 'Microbial diversity, Ecology and Biostatistics' it is suggested by Dr. Patankar, Dr. Charde and Dr. Mujumdar to remove biostatistics part as it is covered in 'Research Methodology' course and evolution part to add. Dr. Khandare also agreed with it, hence the title asked to revise as 'Microbial diversity, Ecology and Evolution'

5. Information about scheme of examination

The scheme of examination and question paper pattern is explained by Dr. Khandare to all BOS members and approved by all.

6. Approval of panel of paper setters/moderator and valuer

The panel of paper setters/moderator and valuers has been approved by all BOS members.

7. Discussion on syllabus of new certificate courses to be start in 2023-24 session

Dr. Mrs. S. S. Khandare has elaborated the background and significance of newly introduced certificate course in 'Biofertilizer production' designed by Shri Ingale Sir. Shri Ingale give the outline of the certificate course and ask for any suggestions. Dr. Mowade suggested to add biopesticide part in it, but Shri Ingale explained that a separate course on biopesticide is intended to start. Dr. Mowade appreciated the course and further give a suggestion of addition of phosphate solubilizer fungi and bacteria.

4. Any other point with permission of chair

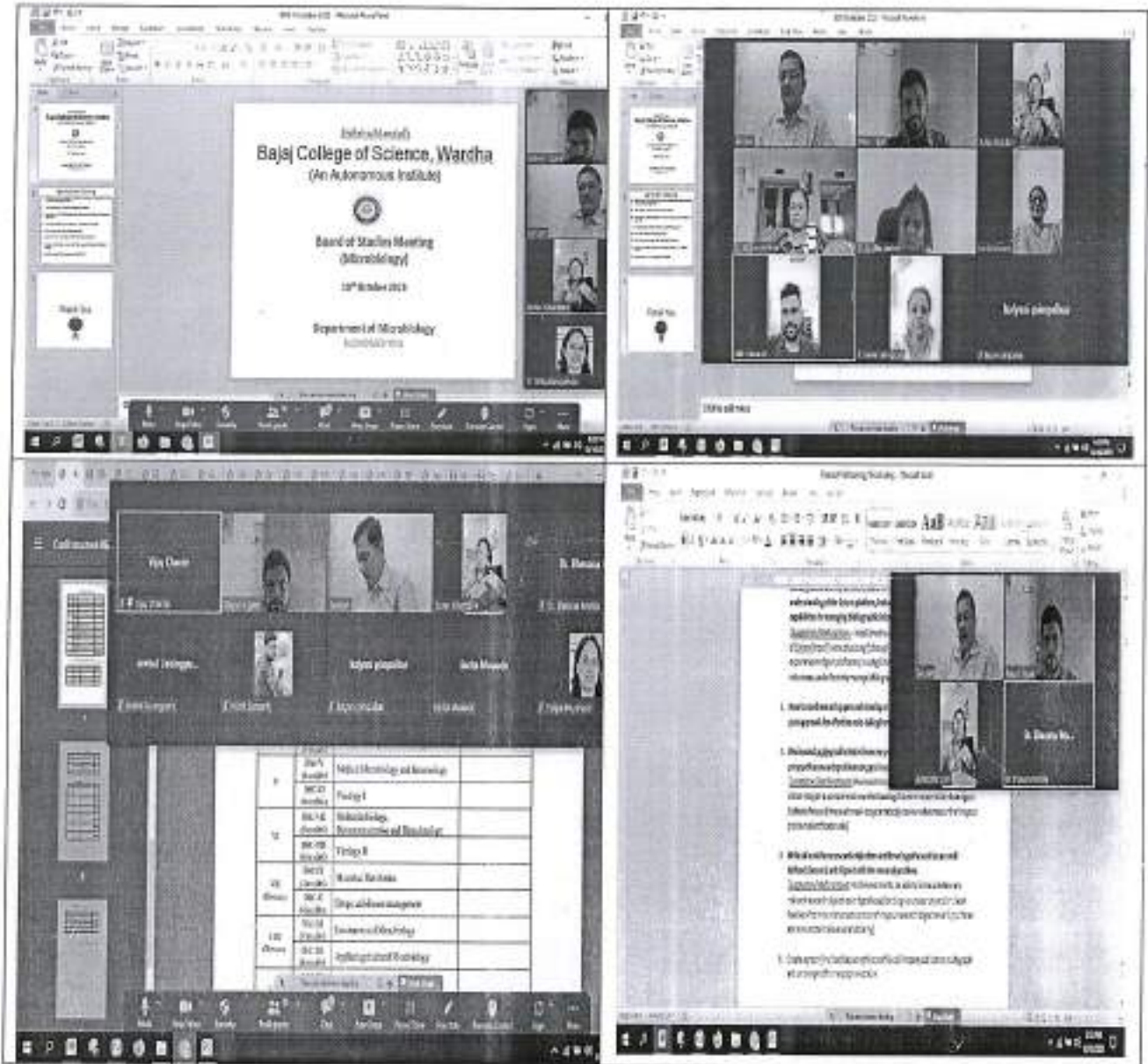
Dr. Mrs. S. S. Khandare asked for any other point to be discussed in this meeting. As there is no other point raised by any BOS members, meeting was ended with the vote of thanks given by Dr. S. S. Khandare to all respected BOS members for attending the meeting and their significant contribution.



Dr. Mrs. SuhasKhandare
Asso. Prof. and Head,
Dept. of Microbiology,
Bajaj College of Science, Wardha
and
Chairman
Board of Studies in Microbiology
Bajaj College of Science, Wardha.

BOS Microbiology 10.10.2023

Screenshots



Anurag
10-10-23
Head Incharge
Department Of Microbiology
Bajaj College Of Science, Wardha