

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./2024-2025




Date :28/08/2024

Department of Microbiology

Minutes of the Meeting of BOS in Microbiology

Online meeting of **Board of Studies** in Microbiology was held on 28 August 2024 at 2.00 pm in department of Microbiology in blended mode offline and online (via ZOOM app).

Following members attended the meeting.

Dr. U. A. Malode	Chairman	
Dr. Vijay Charde	V. C. Nominee	Attended Online
Dr. Shilpa Mujumdar	Subject Expert (Other than parent University)	Attended Online
Dr. S. D. Patankar	Subject Expert	Attended Online
Dr. S. M. Mowade	Industry Expert	
Mr. Nikhil Samarth	Meritorious Alumni	Attended Online
Mr. M. G. Ingale	Faculty Member	
Dr. B. V. Mohite	Faculty Member	
Ms. Snehal Banarase	Faculty Member (Contract)	
Ms. Kalyani Pimpalkar	Faculty Member (Contract)	

The agenda of the meeting is as follows:

1. Syllabus structure of B.Sc. Sem V and VI
2. Amendment in credit structure of elective paper of B. Sc. Sem V and VI
3. Field Project/Community Service of B.Sc. Sem IV and V
4. Internship in B.Sc. Sem VI
5. M.Sc. Sem III and IV syllabus modifications (if any)
6. Evaluation scheme of projects of M.Sc. sem III
7. Panel of examiner and paper setter
8. Any other point with permission of chair

The following points were discussed as per the agenda of the meeting

1. Syllabus structure of B.Sc. Sem V and VI

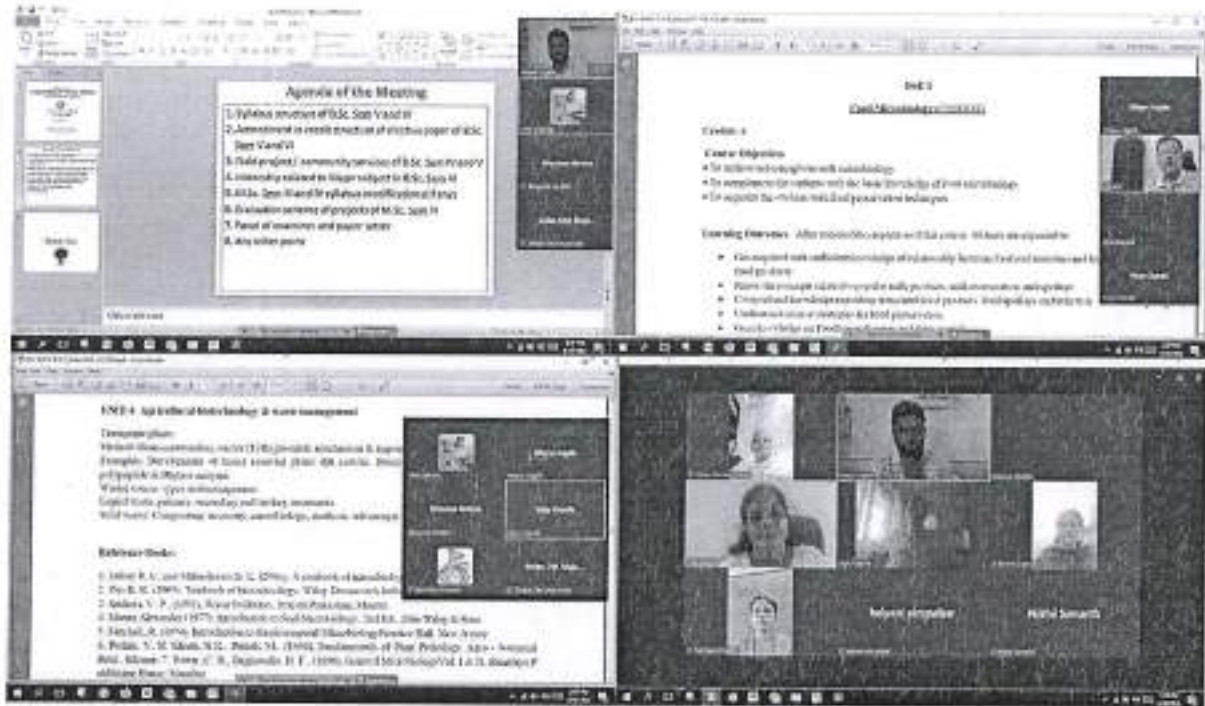
- Dr. U.A. Malode explained the syllabus structure of B.Sc. Sem V and VI to all the BOS members and ask for any suggestions. All BOS members agreed with the syllabus structure.

- Dr. Charde and Dr. Mujumdar has suggested addition of 'detail structure of each system and its etiological agents' and 'List of infectious diseases' in syllabus of BSc part III (In DSC V Unit III) and the suggestions were accepted by chairman of BOS, Dr. Malode.
 - Dr. Charde suggested addition of 'Hypersensitivity and its Types' in the syllabus of (DSC VI Unit VI).
 - Dr. Patankar asked to redefine for 'Interrelationship of food science, nutrition and food microbiology', 'Concept of Fermented food', 'History of food microbiology and fermented food' in (DSE I Unit I).
 - Dr. Charde asked to revise the title as 'Food spoilage and Food borne diseases (DSE I Unit IV) and inclusion of topics like 'factors affecting food spoilage, types of food (perishable, non perishable, semi perishable) (DSE I Unit II) In Unit II, addition of topic 'prebiotic and probiotics' was suggested. In Unit V, also addition of 'food preservation and quality control' was suggested. 'Introduction to food safety laws and GMP' was advised to add in (Unit VI).
 - Dr. Patankar suggested addition of Molecular approaches for IPM in place of 'rRNA interference'. was suggested (DSC II Unit V). In Unit VI, it is advised to redefine as 'Agricultural waste: Source, types and management' and removal of 'liquid waste'
 - Dr. Charde and Dr. Patankar proposed removal of isotopic techniques and sequencing techniques in (DSC VIII Unit I), and Dr. Patankar asked to reconstruct 'Techniques for human gene and chromosome analysis' (DSC VIII Unit V).
 - Dr. Charde suggested removal of removal of 'Immobilization of yeast' (DSC Bioinstrumentation Practical).
 - Dr. Charde and Dr. Patankar recommended addition of 'BAC and YAC vectors' (DSC VII Unit II)
 - Dr. Patankar suggested to revise title as 'Introduction to environment and ecosystem' (DSE I Unit I). The revision was suggested as 'Concept and significance of PGPR', 'Characteristics and role of PGPR' (DSE I Unit II), 'Concept of Mivrobial air pollution' was asked to add after the 'air sampling techniques Unit IV. 'Catabolic gene expression as indicator' was asked to modify with example (Unit V).
 - Dr. Charde suggested removal of 'Citric acid production (VSEC practical) and addition of 'Microbiological analysis of food samples for (*B. cereus*, *Salomonella*, coliform, SCP, yeast amd mould).
2. **Amendment in credit structure of elective paper of B. Sc. Sem V and VI**
The Amendment in credit structure of elective paper of B. Sc. Sem V and VI was explained by the chairman of BOS, Dr. Malode. The amendment was approved by all BOS members.
 3. **Field Project/Community Service of B.Sc. Sem IV and V**
The guidelines and structure of field Project/Community Service of B.Sc. Sem IV and V was discussed by Dr. U. A. Malode. Dr. Charde has asked query about implementation of it, Dr. Malode has explained the structure and impelmenattion.
 4. **Internship in B.Sc. Sem VI**
The guidelines for Internship in B.Sc. Sem VI was explained by Dr. Malode and appoved by all the BOS members
 5. **M.Sc. Sem III and IV syllabus modifications (if any)**
The credit structure for semester III and IV was explained by Dr. Mohite. The change in credit structure for discipline specific course (DSE) for Sem III and Sem IV was focused. The revised credit structure was approved by all BOS members. The syllabus for DSE Practical course was discussed and ask for any suggestions.
 6. **Evaluation scheme of projects of M.Sc. sem III**
The scheme of evaluation of projects of M. Sc. Sem III was explained by Dr. Mohite to all BOS members and approved by all.
 7. **Approval of panel of examiner and paper setter**
The panel of examiner and paper setter was approved by all BOS members.

8. Any other point with permission of chair

Dr. U. A. Malode 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. U. A. Malode to all respected BOS members for attending the meeting and their significant contribution.

Snaps of the meeting



U. A. Malode
Dr. U. A. Malode
Chairman
Board of Studies in Microbiology
Bajaj College of Science, Wardha.