

MINUTES OF THE MEETING OF BOARD OF STUDIES

DEPARTMENT OF MICROBIOLOGY

M.Sc Applied Microbiology

A meeting of the Board of Studies in Microbiology was held on 15.12.2020 at 11.00 a.m. in Google meet platform. The BOS meeting was started with prayer and Dr. P. Saranraj welcomed the gathering with his warm words.

MEMBERS PRESENT

Subject Expert I Dr. K. Kolanjinathan
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Chair Person Dr. P. Saranraj

Members Dr. K. Amala
Dr. R. Bright
Dr. Neethu Asokan

Meritorious Alumni

Mr. V. Rakesh
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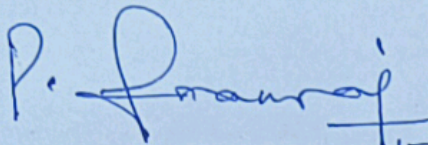
Agenda

- To review the First year syllabus (Semester I and Semester II) of Theory and Practical papers of M.Sc. Applied Microbiology programme.

Resolutions

- 1) The merits and demerits were discussed regarding the content and subject.
- 2) Owing to the alterations, it was resolved to make the following changes in the syllabus
 - In General Microbiology and Microbial Diversity course, the unit Microscopes was decided to be moved to Microbial Instrumentation course.
 - In General Microbiology and Microbial Diversity course, the unit Molecular Identification of Microorganisms was decided to be moved to Molecular Microbiology course.
 - In General Microbiology and Microbial Diversity course, it was decided to include Slide culture technique, Fungal staining techniques and Protozoan staining technique.
 - The Web references were recommended to be further reviewed for authenticity.
 - It was also recommended to include the Preparation of McFarland standards in Unit II of Microbial Physiology and Metabolism course.
 - It was advised to include Bioluminescence and Quorum sensing in Unit – V of Microbial Physiology and Metabolism course.
 - The topics B – cell receptors and T – cell receptors are recommended to include in Unit – II of Immunology course.
 - The topic Western Blotting was recommended to include in Unit – IV of Immunology course.
 - It was decided to include the topic Detection and Isolation of Mutants – Replica plating, Mutant selection and Ames test in Unit – II of Molecular Microbiology course.
 - In Microbial Instrumentation course, the Unit – II (Microscopy) was decided to be moved to Unit - I.

- It was advised to include the topic Rejection criteria for clinical samples and Labelling of Clinical samples in Medical Bacteriology course.
- It was suggested to change Virology course title to Medical Virology and also Covid-19 and MERS under Coronavirus.
- It was also suggested to add KOH wet mount in General and Medical Microbiology Practical.
- It was also decided to include MIC, MBF and MFC in General and Medical Microbiology Practical.
- In all the courses, it was decided to include a topic Current Research Thoughts under Unit - V.


CHAIR PERSON 15/12/20


-PRINCIPAL 15/12/20

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