

s), Rajarshi Shahu Mahavidyalaya (Autonomous), Latur  
MINUTES BOOK

Faculty of Science  
Board of Studies : Microbiology

Online Meeting.

Date - 03/04/2021

Time - 04pm

- Agenda -

1. Restructuring of B.Sc. Second year  
Syllabus.

2. To introduce Bridge course for PG.I and  
UG-I year.

3. Revision of Skill enhancement courses

I. Microbial laboratory techniques

II. Production of Bio-fertilizers

- Minutes -

Meeting of Board of studies in Microbiology  
was held online on 03/04/2021 at 04:00pm.

The meeting was held under chairmanship  
of Prof. Dr. K. P. Maske, Head of the department  
and Chairman, BoS in Microbiology.

Following BoS members online attended the  
meeting along with R/chairman.

1. Professor Arvind Deshmukh.

Retd. Prof. Osmanabad.

P.T.O.



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2. Prof. M.K. Ranjekar, CoE, Pune.
3. Dr. B.S. Nagoba, MIMSR medical college, Latur.
4. Dr. M.S. Dharne, Scientist, NCL, Pune.
5. Dr. Vinod Patil, Director, Dyna Biotech, Pune.
6. Dr. D.V. Vedpathak, Associate Professor  
~~Dr. Kundan Tayde~~
7. Dr. Kundan Tayde, Assi. Prof.  
Dept. of chemistry, RSMCA, Latur.

R/chairman started the meeting with welcome of all R/members of BoS in Microbiology

The discussions held on agenda and resolutions passed are as follows

Ag. pt. 1: Restructuring the syllabus of B.Sc. second year.

- Chairman Dr. K.L. Maske presented minutes of last meeting followed by presentation of existing syllabus of B.Sc. second year. She also presented the expected changes to be done.
- All members unanimously approved the minutes of last meeting.

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- Paper - V : Applied Microbiology.

- Dr. Ranjekar suggested change in title of Unit - II from Aquatic microbiology to water microbiology.

All members agreed and the title is changed

- All members after discussion suggested that Unit - III should be waste water microbiology and the decision is confirmed.

- The Unit - IV - is food and milk microbiology

- Dr. Dharne suggested to include Lactic starter cultures in Unit - IV - 4.3. All are agreed, too.

- Paper - VI : Fundamentals of immunology.

- Unit - II + Dr. B. S. Nagoba suggested to remove point 1.5 - host factors in infection from unit - I, include recombinant vaccines in Unit - III and include hypersensitivity in Unit - III.

- A detailed discussion made on these suggestions. Prof. Deshmukh spoke that addition of recombinant vaccines and hypersensitivity is very important - considering present scenario of covid-19 vaccines.

All members agreed on the suggestions.

- Paper - VII : Environmental Microbiology

- Dr. A. M. Deshmukh suggested to include Microbial ecology and interactions as Unit - I



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3. Dr. B.S. Nagoba, MIMSR medical  
college, Latur.

4. Dr. M.S. Dharne, Scientist,  
NCL, Pune.

5. Dr. Vinod Patil, Director,  
Dyna Biotech, Pune.

6. Dr. D.V. Vedpathak, Associate Professor

~~7. Dr. Kundan Tayde~~

7. Dr. Kundan Tayde, Assi. Prof.  
Dept. of chemistry, RSMCA, Latur.

R/Chairman started the meeting with welcome  
of all R/members of BoS in Microbiology

The discussions held on agenda and resolutions  
passed are as follows

Ag. pt. 1: Restructuring the syllabus of B.Sc.  
Second year.

- Chairman Dr. K.G. Maske presented minutes  
of last meeting followed by presentation of  
existing syllabus of B.Sc. second year. She also  
presented the expected changes to be done.
- All members unanimously approved the minutes  
of last meeting.

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- A detailed discussion made on these suggestion Prof. Deshmukh spoke that- addition of recombinant vaccines and hypersensitivity is very important- Considering present- scenario of covid-19 vaccines.

All members agreed on the suggestions.

- Paper - VII : Environmental Microbiology.

- Dr. A.M. Deshmukh suggested to include Microbial ecology and interactions as Unit - I



He also suggested change the term symbiosis as types of associations.

Dr. Ranjekar suggested to introduce Plant Growth promoting rhizobacteria as Unit-II. He also suggested to introduce soil microbiology and carbon cycle as unit-III and Microbial transformations of NSP in soil as Unit-IV

- All these suggestions are accepted after thorough discussion in Bos and are included.

Paper-VIII : Medical Microbiology.

- Dr. B.S. Nagoba suggested to change the term infection and disease process with as disease process and kinds of diseases in Unit-I

- Dr. M.K. Ranjekar suggested to include tuberculosis in Unit-II.

- Prof. A.M. Deshmukh suggested to include Mucormycosis in Unit-III considering the present situations arose as post covid infections in recovered and immune challenged patients

- Dr. Dharne suggested to include Dengue in unit-III

- All suggestions are accepted after discussion

- The Unit-IV - Bioremediation from paper-VII, environmental microbiology is removed from syllabus.



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- SEC MB-II - Production of biofertilizers.  
Dr. Vinod Patil suggested to include formulation of biofertilizers.  
considering the need to promote organic farming for ecological balance and need for developing self employment generating education, all are agreed to this suggestion.
- Prof. A. M. Deshmukh took this opportunity to speak about role of microbiologists in this covid-19 pandemic situation.
- The meeting is concluded with vote of thanks by R/chairman Dr. K.G. Maske.

#### Attendance :-

Sr. No.	Name	Designation	Signature
1.	Prof. Dr. K.G. Maske	Chairman	
2.	Prof. A.M. Deshmukh.	A.C. Nominee	
3.	Prof. M.K. Rarijekar.	A.C. Nominee	
4.	Dr. B.S. Nagoba	V.C. Nominee	
5.	Dr. Vinod Patil	Member (Industry)	
6.	Dr. M.S. Dharne.	Member (Alumni)	
7.	Dr. Kundan Tayde	Member (Same faculty)	
8.	Dr. D.V. Vaidpathak	Member (Dept.)	



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Faculty of Science  
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Online Meeting

Date: 14 Aug 2021

Time: 04. pm.

Agenda

1. Discussion on minutes of last meeting.
2. Revision of B.Sc. Third year syllabus.
3. Restructuring of B.Sc. First year syllabus
4. Revision of SEC-I
5. Any other subject with permission of R/ chairperson.

- Minutes -

- Meeting of Board of Studies in Microbiology was held online on 14 Aug 2021 at 4.00 pm
- The meeting was held under chairmanship of R/ Prof. K. G. Maske madam, Head dept. of Microbiology and chairman, BoS -
- Alongwith chairman, following BoS members attended the meeting, online
  - 1.) Prof. A. M. Deshmukh  
Retd. Prof. Osmanabad.
  - 2.) Prof. M. K. Ranjekar, COEP, Pune.
  - 3.) Dr. D. V. Veerpathak, Asso. Prof., RSM(A), L
  - 4.) Mr. K. R. Gaikwad, RSM(A), L.

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- R/chairman Prof. K.G. Maske welcome all the members attending the meeting

Ag. Pt. 1: Discussion on minutes of last meeting.

- The discussion on minutes held on 03 Apr, 2021 was held.

- All repeated members agreed with the minutes and unanimously passed it.

Ag. Pt. 2: - Revision of B.Sc. Third year syllabus

- The B.Sc. third year syllabus was discussed thoroughly and revisions are suggested as follows.

i) The Paper-IX, Microbial genetics of Semester - II should be transferred to Semester - VI

ii) The Paper-XI, Molecular biology should be transferred to Semester - IV.

iii) Some revisions are also suggested in Unit-I of paper-IX.

iv) Title of paper-X can be changed as Enzymology and microbial metabolism.

v) Some revision is suggested in Unit-I & Unit-II & Unit-IV of paper-XI.



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Ag Pt. 3 : - Restructuring of B.Sc. first year syllabus

- All members discussed and agreed to restructuring of syllabus.

• Prof. A. M. Deshmukh suggested addition of Acellular forms, and actinobacteria in syllabus.

• Prof. M.K. Ranjekar suggested addition of cultivation of algae (cyanobacteria)

Ag Pt. 4 : - Revision of Sec-I.

- The Food fermentation technology is replaced by fermentation technology.

Ag. Pt. 5 : Subjects with permission of R/Chairman

- Dr. M.K. Ranjekar suggested to think about introduction of microbiology in vernacular language as per NEP-2020
- Prof. A.M. Deshmukh suggested to prepare charts in Marathi language.

The meeting is ended with vote of thanks.  
Proposed by Dr. D.V. Redpathak



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Attendance

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2.	Prof. A. M. Deshmukh.	Member	
3.	Prof. M. K. Ranjekar	Member	
4.	Dr. D. V. Neopatnaik	Member	
5.	Mr. K. R. Gaikwad.	Member	