



MINUTES BOOK

Faculty of Science
Board of Studies : Microbiology

BoS meeting
(online & offline mode)

Date : 18/04/2022

Time : 3:30 pm (online)

11:00 am (offline)

• Agenda :

- 1) Restructuring of B.Sc - I Syllabus
- 2) Restructuring of M.Sc - I Syllabus
- 3) Any other with permission of Chairperson

• Minutes :

- Meeting of Board of Studies of microbiology was arranged online and offline mode on 18/04/2022 at 11:00 am (offline) & 3:30 pm
- Meeting was conducted under chairmanship of R/prof. K.G. Maske mam, Head department of microbiology and chairman, BoS.
- Along with chairman, following BoS members attended meeting offline.
 - 1) Dr. D.V. Vedpathak
 - 2) Dr. Manmohan Bajaj
 - 3) Prof. K.R. Gaikwad
 - 4) Prof. S.S. Patil
 - 5) Prof. A.B. Dhajude
 - 6) Prof. P.D. Mane
 - 7) Dr. K.I. Momin



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- Alongwith chairman following member attended meeting online

- 1) Dr. A.M. Deshmukh
- 2) Dr. Ulhas Patil
- 3) Dr. B.S. Nagoba
- 4) Dr. Vinodkumar Patil
- 5) Dr. Mahesh.S. Pharane

Ag. Pt - 1 : In the meeting review was taken of the meeting minutes held on 14th Aug-2021

- All respected members aproved minutes of previous meeting

Ag. Pt - 2 : Restructuring of B.Sc - I yr syllabus & M.Sc - I yr Syllabus are made after thorough discussion

Ag. Pt - 3 : Feedback of Stakholders, Suggestion were discuss thoroughly and after Suggestion given by members of BOS,

Following changes were made .

- I> B.Sc - I, Sem - I - Bridge course newly introduced
- II> B.Sc - I, Sem - I - In Introductory microbiology paper I unit - I - role of microorganism in production of bioenergy and wastemanagement included
- III> B.Sc - I, Sem - I, paper - II - methods in microbiology - from 'unit - II' : Effect of environmental factor on bacterial growth & survival transfered to paper - IV



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IV) Lab course I : New topic biosafety cabinet included & preparation

of culture media transferred to paper IV, unit - I

V) Sem - II paper III : Basic of Microbiology & Biomolecules

In unit IV (4.3 point) chemical analysis of biomolecule included

vi) In paper IV, unit I : cultivation, cultivation media, pure culture

method transferred from paper II

g - pt - 4 : Restructuring of M.Sc - I Syllabus

7) Sem I, paper - I - Microbial physiology - unit IV : Microbial stress responses included

8) Sem I, paper - II - Enzyme Technology - unit I : An introduction to enzymes, History, naming & classification of enzymes, Specificity of enzyme action, monomeric & oligomeric enzymes were added

B) Unit - II : Kinetics of multisubstrate enzyme, Allosteric enzyme and metabolic regulation & co-operativity added.

III) paper III - Food microbiology : A) unit - I : Starter culture, activities of lactic acid bact. in food, probiotics, molds fermentation fermented fish & fermented milk products were added

B) Unit III : Campylobacter, Enterohaemorrhagic E. coli added

9) paper IV, Advances in virology : Unit III : patterns of infection, mathematics of growth correlate with patterns of infection, viral virulence, viral virulence genes added

The meeting is ended with vote of thanks proposed by

Dr. D.V. vedpathak



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Faculty of Science
Board of Studies : Microbiology

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Date : 18/04/2022

Sr. No	Name of Member	Designation	Signature
1	Dr. K. G. Maske	chairman	
2	Dr. D. V. vedpathak	Member	
3	Dr. A. M. Deshmukh	Member	online
4	Dr. ulhas patil	Member	online
5	Dr. B. S. Nagoba	Member	online
6	Dr. vinodkumar patil	Member	online
7	Dr. Mahesh S. Dharane	Member	online
8	Dr. Manmohan Bajaj	Member	
9	Dr. K. I. Momin	Member	
10	prof. K. R. Gaikwad	Member	
11	prof. S. S. patil	Member	
12	prof. A. B. Dhaigude	Member	
13	prof. P. D. Mane	Member	

18/04/2022 ::

Dr. K. G. Maske
Chairman B.O.S.

Dept. of Microbiology

Rajarshi Shahu Mahavidyalaya

Latur - 413 512



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MINUTES BOOK

Faculty of Science
Board of Studies : Microbiology

Bos Meeting

(online and offline mode)

Date : 06 / 10 / 2022

Time : 3 : 30 pm (online)

11 : 00 am (offline)

• Agenda :

- 1) Restructuring of B.Sc - I syllabus and B.Sc II syllabus
- 2) Restructuring of M.Sc - I syllabus and M.Sc II syllabus
- 3) Any other with permission of chairperson.
- 4) post facto approval of certificate course.

• Minutes :

- Meeting of Board of studies of microbiology was arranged online and offline mode on 06/10/2022 at 11:00 am (offline) and 3:30 pm (online).
- Meeting ^{was} conducted under chairpersonship of R/prof. K. G. maske mam, Head department of microbiology and chairman, Bos.
- Along with chairman, following Bos members attended meeting offline.

- 1) Dr. D. V. vedpathak
- 2) Dr. Manmohan Bajaj
- 3) prof. P. D. Mane
- 4) prof. S. S. pati
- 5) prof. A. B. Dhaigade
- 6) prof. S. Deshpande



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Along with chairman, following member attend meeting online

- 1) Dr. A. M. Deshmukh
- 2) Dr. B. S. Nagoba

- Minutes of the meeting -

A Dr. K. G. Maske, chairman of BoS meeting, started the
Ag. pt - 1 : post facto approval of certificate course
meeting with warm welcome of all honorable members.

Ag. pt - 1 : All the honourable members approved
the minutes of ^{Previous} BoS meeting held on 18th April, 2022

Ag. pt - 2 : post facto approval of certificate course.

- The department has framed a two week certificate course in biofertiliser technology : Gateway to Entrepreneurship
- The course was conducted during 12 Aug to 25 Aug 2022,
- The honorable member has a through discussion about syllabus, objective and outcome of the syllabus.
- All members have expressed satisfaction about the course and also congratulated the department for this novel initiative and approved the same.

Ag : pt - 3 : Review of U.G I and P.G I
Syllabus.



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The syllabus of U.G I and p.G - I was reviewed and approved with satisfactory remark by all the honorable members.

- Guidelines for M.Sc. II Syllabus.
- R/prof. A.M. Deshmukh sir suggested that the guidelines of NEP-2020 should be taken into consideration while forming the syllabus of M.Sc. II
- Dr. B.S Nagoba suggested that the syllabus formed as per NEP-2020 guideline can be discussed in next meeting, The department first prepare draft for it.

Ag: Pt-4

Introduction of Bridge course for p.G-1 →

R/prof. K.G. maske mam, chairman of BOS has expressed the need of bridge course for M.Sc-I year students

- prof. A.M. Deshmukh and prof. B.S. Nagoba expressed satisfactory remark about the professional provision of bridge course
- prof. A.M. Deshmukh sir suggested that more time period should be given to methods in microbiology unit as the basic skill should be taught in it.

Feedback from stake holders : The feedback was discussed deeply considering major option to fulfill demands.

- prof. A.M. deshmukh suggested option like pharma, food, agriculture, and beverages industries for industrial exposure and project at B.Sc. third year and M.Sc 2nd year level.
- Dr. Nagoba suggested that internship and training option may be available in diagnostic industries centers.
- The meeting is concluded with vote of thanks by Dr. D.V. vedpatil.



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Faculty of Science
Board of Studies : Microbiology

Date : 06/10/2022

Sr. No.	Name of member	Designation	Signature
1	Dr. K. G. Maske	Chairman	
2	Dr. D. V. Vedpatthak	Member	
3	Dr. A. M. Deshmukh	Member	
4	Dr. Ulhas Patil	Member	
5	Dr. B. S. Nagoba	Member	
6	Dr. Vinod Kumar Patil	Member	
7	Dr. Mahesh. S. Dharane	Member	
8	Dr. Manmohan Bajaj	Member	
9	Dr. K. I. Momin	Member	
10	Prof. P. D. Mane	Member	
11	Prof. S. S. Patil	Member	
12	Prof. A. B. Dhargude	Member	
13	Prof. S. Deshpande	Member	

H.O.D.
(Microbiology)
Rajarshi Shahu Mahavidyalaya
Latur - 413 512



MINUTES BOOK

Faculty of Science
Board of Studies : Microbiology

BOS Meeting
(Online & offline mode)

Date: 16/03/2023

Time: 11:00 am (offline)

3:30 pm (online)

• Agenda :

- 1) To confirm the minutes & action taken report of previous BOS meeting.
- 2) To design syllabus of B.Sc I Microbiology Major, Minor & GE/OE as per NEP - 2020
- 3) To design curriculum according to skeleton defined by parent institute.
- 4) Revision of UG & PG syllabus (Regular)

• Minutes :

- Meeting of Board of studies in Microbiology was arranged in offline mode (at 11:00 am) & in online mode (at 3:30 pm) on 16/03/2023
- Prof. K. G. Maske, the Chairman of BOS remained the chairperson for this meeting.
- Following BOS members have attended the meeting offline

1) Dr. D. V. Vedpathak,

2) Dr. Manmohan Bajaj

3) Prof. P. D. Mane

4) Prof. S. S. Patil

5) Prof. S. S. Deshpande



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6) Prof. K. S. Salunke.

- Following BOS members attended the meeting online

1) Prof. Uhlal Patil

2) Dr. K. I. Momin

3) Dr. M. K. Ranjekar (Invited member)

- Minutes of the Meeting-

- Chairman of BOS Dr. K. G. Maske started the meeting by welcoming all the honourable members

- Agenda 1: To confirm the minutes & action taken report of previous BOS meeting.

- Discussion: Chairman Dr. K. G. Maske presented the minutes of last meeting & the action taken report. The said meeting was held on 6/10/2022 at 11:00 am (offline mode) & at 3:30 pm (online mode)

- Resolution: The minutes of last meeting & the action taken report unanimously approved by all the Respected BOS members

- Agenda 2: To design syllabus of B.Sc I Microbiology Major, Minor & GE/OE as per NEP-2020

- Discussion: The parent institute has initiated the process for implementation of National Education Policy-2020. Accordingly, Respected Chairperson has started the discussion on the structural framework



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- Er syllabus for B.Sc I major, minor Er GE/OE.
- Dr. D.V. Vedpathak explained the structure designed by parent institution for implementation of NEP-2020.
- Dr. Manimohan Bajaj suggested many skill oriented syllabus. Dr. Uhlal Patil Er Dr. M.K. Ranjekar gave valuable suggestion for inclusion in Microbiology subject in Indian knowledge system (IKS).
- Resolution: All Respected members have given their positive concern for the framed structure Er syllabus of B.Sc. I yr Microbiology for implementation under NEP-2020 from next academic year.
 - Agenda 3: To design curriculum according to skeleton designed by parent institute.
 - Discussion: All Respected members after their detailed discussions suggested many topics which can be included in the syllabus to support the necessities for exit at specific levels by the students.
 - Resolution: All the suggested topics are included in the syllabus of B.Sc I year considering the exit after completion of certificate.
 - Agenda 4: Revision of UG Er PG syllabus (Regular)
 - Discussion: The feedback obtained from all the stake holders was discussed thoroughly in the meeting. Accordingly, some important suggestion from feedback were used for revision of UG Er PG syllabus as follows:



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I> B.Sc. II : Paper VII : Environmental Microbiology

Bioremediation is added as Unit IV

Unit III & IV of present syllabus can be merged.

II> B.Sc. II : Paper VIII : Medical Microbiology.

Mucormycosis can be removed & Candidiasis may be added in Unit III

~~Covid-19~~ & Viral pneumonia can be replaced by AIDS

III> B.Sc. III : Paper IX : Molecular Microbiology.

Revisions are suggested in Unit I & Unit III

IV> B.Sc. III : Paper XI : Microbial Genetics

Revisions are suggested in Unit II & IV

V> M.Sc. I : Microbial Diversity & Extremophiles
paper shifted from Sem. III to Sem II.

VI> M.Sc. II : Bioprocess Engineering paper shifted
from Sem II to Sem III

VII> M.Sc. II : Bioinstrumentation paper shifted from
Sem. I to Sem IV

- Resolution : All the above suggested revisions
were approved for making necessary changes in
the present syllabus of respective semester.



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Board of Studies : Microbiology

Sr. No	Name of member	Designation	Signature
1	Dr. K. G. Maske	Chairman	
2	Dr. D. V. Vedpathak	Member	
3	Dr. A. M. Deshmukh	Member	
4	Dr. Uthas Patil	Member	Joined online
5	Dr. B. S. Nagoba	Member	
6	Dr. Vinodkumar Patil	Member	
7	Dr. Mahesh. S. Dharne	Member	
8	Dr. Manmohan Bajaj	Member	
9	Dr. K. I. Momin	Member	
10	Prof. P. D. Mane	Member	
11	Prof. S. S. Patil	Member	
12	Prof. A. B. Dhaigude	Member	
13	Prof. S. S. Deshpande	Member	
14	Prof. K. S. Salunke	Member	
15	Prof. M. K. Ranjekar	Invited Member	Joined online

HEAD

Department of Microbiology

Rajarshi Shahu Mahavidyalaya

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