

Rayat Shikshan Sanstha,s
Karmaveer Bhaurao Patil College, Vashi
(Autonomous)
Department of Biotechnology
Board of Studies Meeting

Date:14/07/2018

Minutes of Meeting

Dr. Shubhada Nayak, Co-ordinator of Biotechnology Department, Chairperson of BOS (Biotechnology) extended warm welcome to all members of BOS.

Reading of agenda:

1. Presentation of proposed F.Y.B.Sc. Biotechnology curriculum
2. Evaluation pattern for all the classes (F.Y.B.Sc., S.Y.B.Sc., T.Y.B.Sc)
3. Skill based course syllabus presentation
4. S.Y.B.Sc., T.Y.B.Sc. and Applied Component syllabi

Vote: All in favor.

Resolved: **Motion carried.**

Business:

Meeting started at 2:15 PM

Motion 1: Presentation of proposed syllabus of F.Y.B.Sc. Biotechnology curriculum

- Ms. Hemangi Gavit, Head, Department of Biotechnology, K.B.P College, Vashi, presented the proposed F. Y. B. Sc. syllabus.
- Detailed unit wise syllabus distribution was presented.
- Following were the suggestions by BOS members:
 1. Dr. Tara Menon suggested that syllabus should mention the number of lectures allotted to each unit.
 2. Dr. Neetin Desai suggested including marine algae and marine biodiversity in BT104, unit 3 and renaming the paper or unit to fit the topic – ultra structure of cells.
 3. Mr. Rahul Khanvilkar suggested to include practicals related to GLP in microbiology part.
 4. Dr. Neetin Desai suggested to include basic requirements of animal and plant cell culture in BT106

5. Dr. Neetin Desai, Dr. Tara Menon and Dr. Thankamani Marar suggested to cover applications of all the branches and fields of Biotechnology in BT106, unit 2.
6. Dr. Neetin Desai suggested addition in practicals related to BT104 like fungal isolation and wet mount.
7. Dr. Tara Menon suggested to introduce coral draw in practicals for BT103
8. Dr. Neetin Desai suggested introducing practicals and survey based projects to be given to students for biostatistics practicals.
9. Dr. Tara Menon and Dr. Thankamani Marar suggested syllabus of plant and animal classification in Unit 1 and 2 respectively of Paper BT104 to be mentioned in detail.
10. Dr. Neetin Desai suggested to include overview of mitosis and meiosis in paper BT205.
11. Dr. Neetin Desai suggested changing the source for isolation of DNA (i.e plant source like cabbage instead of *E.coli*) in BT206. Dr. Tara Menon suggested using onion to isolate DNA.
12. Dr. Neetin Desai suggested to remove RNA isolation from practicals of BT206.
13. The BOS members recommended mentioning detailed unit-wise content of all the papers.

Vote: All in favor.

Resolved: **Motion carried.**

Motion 2: Evaluation pattern for all the classes (F.Y.B.Sc., S.Y.B.Sc., T.Y.B.Sc)

- Evaluation pattern of 60:40 will be followed. (60 Marks Semester End Exam and 40 Marks Class Internal Assessment)
- Query was raised regarding CIA marks distribution (20+10+10=40 marks). It was decided, with the approval of BOS members that, the unit assessed for 20 marks CIA will not be repeated for remaining 20 marks assessment.
- Various assessment methods depending on the paper content were discussed.

Vote: All in favor.

Resolved: **Motion carried.**

Motion 3: Skill based course syllabus presentation

- Ms. Vedika Bane presented the syllabus of Skill based course - Food Adulteration and Safety.
- Following were the suggestions by BOS members:

- Dr. Thankamani Marar suggested addition of carbohydrate, lipid (hyper/hypo) based diseases.
- Dr. Neetin Desai suggested to emphasize on rules for food safety laws such as *fssai*, guidelines, claims.
- Dr. Tara Menon suggested addition of awareness about balanced and proper diet.
- Dr. Neetin Desai suggested to include case studies related to food adulteration. It was discussed that case studies is a part of assignment but not specified in syllabus. So it was suggested to specify "case study" in syllabus.
- Examination pattern and assessment methods were discussed.
- Ms. Manminder Riyat presented the syllabus of Skill based course – Applied Biotechnology.
- Following were the suggestions by BOS members:
 - Dr. Tara Menon suggested to include DNA replication in Unit 3 of Paper 1 and colorimetric techniques in Unit 3 of Paper 2.
 - Dr. Thankamani Marar suggested renaming the Units in Paper 2.
 - Dr. Neetin Desai suggested to introduce biopesticides, biofertilizers and phytoremediation instead of bioremediation in practicals.
 - Examination pattern and assessment methods were discussed.

Vote: All in favor.

Resolved: **Motion carried.**

Motion 4: S.Y.B.Sc., T.Y.B.Sc. and Applied Biotechnology syllabus

S.Y.B.Sc., T.Y.B.Sc. and Applied Biotechnology syllabi are given by University of Mumbai and in order to maintain to continuity, same will be implemented this year

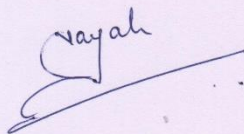
Resolved: **Motion Carried.**

The proposed syllabi for F. Y. B. Sc. Biotechnology and skill based courses – Food Adulteration and Safety, S.Y.B.Sc., T.Y.B.Sc. and Applied Biotechnology were approved by BOS members with the changes suggested.

Vote of thanks was proposed by **Ms. Vedika Bane**

Meeting adjourned at 3:45 pm.

Minutes of this meeting will be presented to Academic Council for approval.



**CHAIRPERSON
BOARD OF STUDIES,
BIOTECHNOLOGY**