

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

Date:13/02/2019

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. Reading of Minutes of first BOS Meeting and Action Taken Report
2. Presentation of proposed S.Y.B.Sc. Biotechnology curriculum
3. Evaluation pattern for S.Y.B.Sc.
4. Presentation of Changes in F.Y.B.Sc. syllabus
5. S.Y.B.Sc., T.Y.B.Sc. and Applied Component syllabi and Evaluation Pattern and any other

Vote: All in favor.

Resolved: **Motion carried.**

Business:

Meeting started at 3:15 PM

Motion 1: Reading of Minutes of first BOS Meeting and Action Taken Report

- Ms. Hemangi Gavit, Head, Department of Biotechnology, K.B.P College, Vashi, read the minutes of meeting of first BOS meeting held on 14th July , 2018.
- Action taken report and changes done according to the suggestion given by BOS members in FYBSc Biotechnology syllabus was presented in detail.

Motion 2: Presentation of proposed S.Y.B.Sc. Biotechnology curriculum

- Ms. Hemangi Gavit, Head, Department of Biotechnology, K.B.P College, Vashi, presented the proposed S. Y. B. Sc. syllabus.
- It was specified that the entire curriculum of B.Sc. in Biotechnology is designed for student enrichment to give proper and precise knowledge of basic as well as advanced concepts in Biotechnology and current affairs in the subject. This will help in global competency and increase the employability.

- Detailed unit wise syllabus distribution for semester III and IV was presented.
- Following were the suggestions by BOS members:
 1. Dr. Neetin Desai suggested replacing role of biotechnology with biotechnological strategies in vaccine production in unit 3 of UGBT 303.
 2. Dr. Tara Menon raised a question regarding length of unit-3 in UGBT 304 and suggested to rename the unit to Gene transfer mechanisms and Transposable elements.
 3. Dr. Thankamani Marar suggested including immunodeficiency in UGBT 403.
 4. Dr. Shubhada Nayak raised a question regarding number of lectures in unit-2, UGBT 404 and suggested to introduce phagemids topic.
 5. Dr. Shubhada Nayak suggested introducing detection of clones in Unit-3, UGBT 405.
 6. Dr. Thankamani Marar suggested adding few more examples in Unit-3, UGBT 405.
 7. Dr. Tara Menon suggested removing gene therapy from UGBT 405.
 8. Questions were raised regarding Ecology paper and it was clarified that its importance in competitive exams.
 9. Dr. Neetin Desai suggested including EMS in chemical mutagenesis practical instead of EtBr.
 10. Dr. Shubhada Nayak suggested to include course outcome and advised to segregate the references paperwise.

Vote: All in favor.

Resolved: **Motion carried.**

Motion 3: Evaluation pattern for S.Y.B.Sc.

- Prof. Hemangi Gavit presented the evaluation pattern of SYBSc.
- It was proposed that Research paper review will be for 20 marks instead of 10 marks.

Vote: All in favor.

Resolved: **Motion carried.**

Motion 4: Presentation of changes in F.Y B.Sc Biotechnology syllabus

- Prof. Hemangi Gavit presented the changes in the current F.Y.B.Sc Biotechnology syllabus.
- Addition of regulation of gene expression: lac and trp operon in unit 2 of UGBT206 was proposed.
- Dr. Tara Menon suggested excluding the gene regulation part from F.Y and including in T.Y.B.Sc in further academic year.
- Dr. Shubhada Nayak suggested keeping lac operon concept in F.Y and removing Trp operon concept.

- So it was approved that lac operon should be added in unit 2 of UGBT206 and trp operon should be removed.

Vote: All in favor.

Resolved: **Motion carried.**

Motion 5: S.Y.B.Sc., T.Y.B.Sc. and Applied Component syllabi and Evaluation Pattern and any other

- It was conveyed by Prof. Hemangi Gavit that T.Y.B.Sc and applied component syllabus was kept same by University of Mumbai in order to maintain the continuity. Same will be implemented this year.
- It was decided that evaluation pattern for FYBSc and TYBSc will be kept unchanged.
- Dr. Neetin Desai and Mr. Rahul Khanvilkar suggested to include industrial visit as part of their curriculum.
- Dr. Neetin Desai suggested to encourage students of T.Y to go for internships.
- It was conveyed by Prof. Hemangi Gavit that T.Y.B.Sc and applied component syllabus was kept same by University of Mumbai in order to maintain the continuity. Same will be implemented this year.

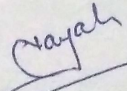
Vote: All in favor.

Resolved: **Motion carried.**

Vote of thanks was proposed by Ms. Divya Iyer

Meeting adjourned at 4:25 pm.

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


Chairman
BOS
Biotechnology
K.B.P. College, Vashi