



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

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SCHOOL OF BIO AND CHEMICAL ENGINEERING

DEPARTMENT OF BIOINFORMATICS

BOARD OF STUDIES - MINUTES OF MEETING

Subject: Board of Studies- Department of Bioinformatics

Venue: Molecular Modelling Lab

Date: 14/06/2019

Agenda: Opinion/suggestion for improvement of syllabus

Department Members:

1. Dr. Jemmy Christy, Assistant Professor
2. Dr. Jaynthy, Associate Professor
3. Dr. Alex Anand, Associate Professor
4. Dr. Swetha Sunkar, Assistant Professor
5. Dr. Balasankar, Assistant Professor

Internal Members (Faculty):

6. Dr. Ramesh Kumar, Associate Professor and head, Biotechnology Department
7. Dr. Valli Nachiyar, Associate Professor, Biotechnology Department.
8. Dr. Jayshree Nellore, Associate Professor, Biotechnology Department.
9. Ms. Renuga, Assistant Professor, Biotechnology Department

The BOS meeting has been convened by the department HOD to discuss any changes that can be carried out in the syllabus.



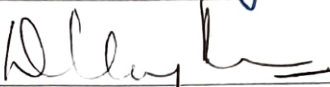


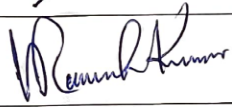
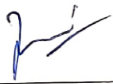
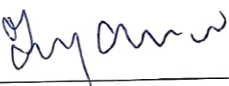

- The Department initiated B. Sc and M. Sc courses for which the syllabus was framed and approved.
- More focus was to be laid on skill development for students and hence certain certification programs were suggested.
- Training on molecular simulation was suggested as there was a need for students to improvise their skill.
- Immunoinformatics was also suggested as they had theory paper.
- Matlab is essential for analysis and hence this course was suggested.

- In the current scenario, big data gained popularity and students need to have an understanding for which an introduction on this course was also suggested. - Introduction to big data

The members decided to develop the course module and schedule the courses in this academic year.

Minutes approved

Signature of the participants

Name	Signature
Dr. Jaynthy Chellam,	
Dr. Jemmy Christy	
Dr. D. Alex Anand	
Dr. Balasankar	
Dr. Swetha Sunkar	
Dr. Ramesh Kumar	
Dr. Valli Nachiyar	
Dr. Jayshree Nellore	
Ms. Renuga	



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BOARD OF STUDIES - MINUTES OF MEETING

MINUTES OF MEETING

Subject: Board of Studies- Department of Bioinformatics

Venue: Molecular Modelling Lab

Date: 15/11/2019

Agenda: Opinion/suggestion for improvement of syllabus

Department Members:

1. Dr. Jemmy Christy, Assistant Professor
2. Dr. Jaynthy, Associate Professor
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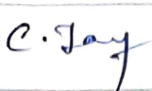

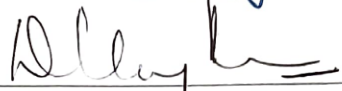


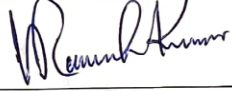

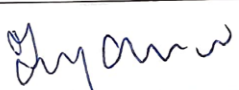
The BOS meeting has been convened by the department HOD to discuss any changes that can be carried out in the syllabus.

- Training on molecular simulation was suggested and implemented.
- It was suggested to include proteomic tools and databases in the paper SBIA1303 Proteomics and interactions that include – 2D PAGE, Dynamic Proteomics, EXPASY Proteome tool collection, Entrez Protein, HGPD and the UCSC Proteome browser in the first unit.
- It was proposed to include structural biology tools and databases in the fifth unit of the unit of the paper on SBIA1401 Structural biology. The suggested databases were RCSB PDB, PDB Europe, at EBI, PDB Japan, Metalloprotein

database, BMRDB (Biological Magnetic Resonance Data Bank), BIOISIS: Database of SAXS of Biological macromolecules and SASBDB: Small Angle Scattering Biological Data Bank.

Minutes approved

Signature of the participants

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Dr. Jemmy Christy	
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