



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

DEPARTMENT OF BIOTECHNOLOGY

MINUTES OF THE 3rd ONLINE MEETING

BOARD OF STUDIES OF BIOTECHNOLOGY

DATE: 11, Nov, 2021, Thursday

Time: 2.00 PM – 3.45 PM

PLATFORM: MS-Teams

Meeting Link:

https://teams.microsoft.com/l/meetupjoin/19%3ameeting_Mjk1YTQ3MjYtNzZiNS00YjI2LWI2M2MtNWU2MWNiNTZhNTM2%40thread.v2/0?context=%7b%22Tid%22%3a%222666d919-flfc-4027-b9c5-212d4e95e68a%22%2c%22Oid%22%3a%2253e97dde-b467-45ac-80a2-df98f8017534%22%7d

IN ATTENDANCE:

BoS External members:

S. No	Name of the Expert	Designation	Capacity
1	Dr. Sukumaran Prabhu	Professor, Department of Biotechnology, Sri Venkateswara College of Engineering, Pennalur, Sriperumpudur tk – 602117	Anna University Nominee
2	Dr. A.Santhyagu	Professor, School of Biotechnology, NIT Calicut, Kerala-673601.	Academic Council nominated BoS Member
3	Dr. N.Ayyadurai	Senior Scientist, Biochemistry & Biotechnology, CSIR-Central Leather Research Institute, Adyar, Chennai – 600 020.	Academic Council nominated BoS Member
4	Dr. K. Rajeshwari	Founder and Managing Director, Bioklone Biotech Private Limited , Plot No.14 and 15, Golden Jubilee Biotech Park, Siruseri, Navalur, Chennai – 603 103, Tamil Nadu.	Industrialist
5	Ms.S.Sivagamasunth	Associate Scientist, Biocon Park , SEZ,	Alumni

ari	BommasandraJigani Link Rd, Phase-IV, Bommasandra Industrial Area, Bengaluru, Karnataka 560099.	
-----	--	--

BoS Internal members:

S. No	Name of the Faculty	Designation
1	Dr. R. Shyam Kumar	Chairperson / HoD-BT
2	Dr. S. Mariaamal Raj	UG Programme coordinator
3	Dr. K. Geetha	PG Programme coordinator
4	Dr.S.Karthikumar	Research Programme coordinator
5	Dr. I. Ganesh Moorthy	Associate Professor / BT
6	Mr. S. Manibalan	Assistant Professor / BT
7	Ms.M. Soundaryalakshmi	Assistant Professor / BT
8	Dr. A. Ronaldo Anuf	Assistant Professor / BT
9	Ms. R. Amuthalakshmi	Assistant Professor / BT
10	Dr.D.Pradiba	Assistant Professor / BT

THE MINUTES:

The BOS meeting was organized for discussing the amendments in the three member committee for online courses (UG & PG), Value added courses and Industry Internship, approval of the syllabus of value added courses, list of online courses of 2020 regulation and the syllabus of first year common course (Biology for Engineers) in the proposed new regulation 2021.

DISCUSSIONS:

- Dr. R. Shyam Kumar, Chairperson of the BOS, delivered the Welcome address.
- Dr. S. Mariaamalraj, UG programme coordinator, presented the amendments and the proposed syllabus to the BoS members.
- The UG programme coordinator conveyed the modification in the exam pattern of the end semester examination from MCQ mode (online) to the descriptive type (physical mode) to the experts and board members.

Discussion related to 2021 Regulation:

- The inclusion of the subject "Biology for Engineers" in the first semester of the proposed Regulation 2021 was presented to the experts of board of studies.
- All the experts of the board welcomed the addition of Biology for Engineers in the new regulation R2021.
- Dr.SukumaranPrabhu, the Anna University nominee, suggested to make sure that the addition of new course could be done in the 2020 regulation (V-VIII semester) since the

BoS has already approved syllabus of I – IV semester, as well as in the new regulation 2021 (I-VIII semester).

- During the discussion on Biology for Engineers course syllabus, the Anna university nominee enquired about to highlight a clarity in the topic Science and Engineering in Unit I. The chairperson and the UG programme coordinator explained that the student will be introduced to what is science, engineering and the correlation between them.
- The Anna University nominee, suggested to include the topic application of biology in the first unit. The suggestion was well taken and it was introduced by the subject expert, Dr. K. Geetha.
- The Anna University nominee, enquired about the topic Overview of cellular Transport. The Chairperson replied that the basics of molecular transport in the cell will be covered.
- The Anna University nominee suggested adding Classification and Applications in Unit III. He also requested to add coenzymes along with cofactors in the same unit. The suggestions were well taken and added by the subject expert Dr. K. Geetha.
- DrRajeshwari, Industry expert, wanted to know why the syllabus is mainly focusing on Microbiology, especially in Unit IV and V. She also enquired on which organism will be covered in Unit II to study about cell cycle etc. The chairperson and UG programme coordinator clarified that most of the engineering course applications are based on microbes, therefore, more attention is given on microbiological aspects. The PG Coordinator clarified that cell cycle and other related topics will be covered with respect to both prokaryotes and eukaryotes. The explanation was accepted by the industry expert.

Discussion related to 2020 Regulation:

- In the value added course “Mushroom Cultivation and Vermicomposting”, Anna university nominee enquired about the syllabus framing process. Dr. K. Geetha, the subject expert, explained that the syllabus was framed with the inputs and suggestions received from the industry with whom the department will be collaborating for conducting the above course. The experts of the BoS accepted the syllabus without any modifications.
- The Anna University nominee suggested to modify the title of the value added course “Introduction to the Design of Experiments” relevant to the content of the syllabus. The suggestion was well taken and the title was changed to “Introduction to statistical optimization”. The content of the syllabus was accepted by all the experts of BoS.
- The Anna University nominee suggested to frame the syllabus of value added course “Computer Aided Drug Discovery” with 5 units instead of 3 units. The suggestion was well taken and modification was carried out accordingly.
- The Anna University nominee suggested to include the topics related to metabolic engineering and synthetic biology in the above syllabus. Mr. S. Manibalan, the subject expert, modified the syllabus as per the suggestions.
- The amendments in the three member committee of online courses, value added courses and Industry Internship was presented. All the BoS experts accepted the changes.

- Further, the end semester result of IISem (2020-21) was presented to the BoS members. The Anna University nominee enquired about I semester results of the same batch and the reason for the decrease in the overall pass percentage in II semester. The Chairperson and Dr. D.Pradiba, clarified that there was a slight fall in the pass percentage of Mathematics subject because II semester was conducted in online mode and the students may lack in practicing problems. The explanation was accepted by the expert team. The meeting was concluded with the concurrence of BoS members.
- PG programme coordinator, Dr.K.Geetha, proposed the vote of thanks.

S. Maria Amalraj
S. MARIA AMALRAJ
UG-Program Coordinator-BT

J. Johny
HOD/BT
HOD
DEPT. OF BIOTECHNOLOGY
Kamaraj College of Engineering & Technology
VIRUDHUNAGAR.