



Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
(Deemed to be University)
Maduravoyal, Chennai - 600 095, Tamilnadu, India.
(An ISO 9001 : 2015 Certified Institution)
University with Graded Autonomy Status



24.7.2020

From

Dr. Rajeswary Hari
Head-Department of Biotechnology
Dr. M.G.R Educational and Research Institute University
Chennai

To

The Registrar
Dr. M.G.R Educational and Research Institute University
Chennai

Respected Sir

SUB: Submission of BOS Minutes for B.Sc Biochemistry for 2020-2021 admitted students in Department of Biotechnology – Reg.

Herewith I am submitting the BOS Minutes for B.Sc Biochemistry in Department of Biotechnology. The modification done for above course is as follows:

1. Based on the suggestions given by board of members, Universal Human Values 2: understanding harmony has been included in the 3rd Semester of B.Sc Biochemistry syllabus.
2. Considering the relevance of Molecular biology and rDNA technology subject syllabus, we have combined both the subjects and given as single subject in name of Molecular biology and rDNA technology in II semester. In the place of rDNA subject in III semester, we are offering Universal Human Values 2: understanding harmony.
3. As per the directions from CDC members and expert members, we decided to offer elective courses for B.Sc Biochemistry students of 2020-2021 batch. Totally, 3 electives subjects were given, from that students can choose any one of their own choice to study in 6th Semester.

The above mentioned changes were approved by CDC of Biotechnology department. These changes can be ratified in the ensuing BOS. This is for your kind information and further action. Herewith enclosing the following documents,

1. CDC approval letter
2. Modified syllabus for 2020-2021 admitted students

Rajeswary Hari
24/7/2020

Thanking You,
Yours Sincerely,
(Dr. Rajeswary Hari)





Department of Biotechnology

Minutes of BOS conducted for UG-H&S - B.Sc Biochemistry

The board of studies was conducted on 24-7-2020 in the department of Biotechnology in the presence of BOS members. Expert members have suggested few changes to be made in the syllabus which provides opportunity to develop their skills to become an entrepreneur and can be placed in core companies.

1. A meeting with CDC members and expert members was arranged to decide about the incorporation of new course called Universal Human Values 2: understanding harmony in the curriculum of B.Sc Biochemistry 2020-2021 batch students and the modification was done to this course to maintain the same credit of 130 credits. So, based on the suggestions given by board of members, Universal Human Values 2: understanding harmony has been included in the 3rd Semester of B.Sc Biochemistry syllabus.
2. Taking into consideration that both Molecular biology and rDNA technology subjects have more relevant syllabus, both subjects were combined and given as single subject as Molecular biology and rDNA technology in 2nd semester.
3. As per the suggestion of CDC members and expert members Dr. P. Balashanmugam and Dr. Meera Murugesan, three theory papers named Biofuels, Entrepreneurial Development and Biomaterials and Tissue Engineering shall be provided as elective papers for B.Sc Biochemistry students in their 6th semester. Students can choose any one of their choice and can study.

In Biofuels subject, an introduction to biogas technology was given also students will understand the basics behind the bioethanol and biodiesel production. In addition, students will be getting basic idea for the production of green energy from different biomass. Based on the current scenario to reduce the carbon printing as well as taking the environmental protection into consideration we decided to offer Biofuel as one of the elective subject for our Biochemistry students.

In Entrepreneurial Development, concepts of Entrepreneurship, development agencies, project management, Economic development and Entrepreneurial growth will be taught.

In Biomaterials and Tissue Engineering subject, students can understand the importance of polymers as biomaterial types and their applications. Also they study about the tissue engineering process of cells and tissues and the regulatory issues regarding tissue engineering and its standardization.



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Biotechnology Department

BOS members - UG-H&S - B.Sc Biochemistry

S.No	Name of the department	Designation	Functional Responsibility	Signature
1.	Dr. Rajeswary Hari	HOD & Professor - Biotechnology	Chairman	Rajeswary Hari
2.	Dr. Gomathi	Professor - Biotechnology	Member	G. Gomathi
3.	Dr. Thirunavukarasu	Associate professor- Biotechnology	Member	P. Thirunavukarasu
4.	Dr.C.Priya	Associate professor- Biotechnology	Member	C. Priya
5.	Dr.S.Karthikeyan	Associate professor- Biotechnology	Member	S. Karthikeyan
6.	Dr. D.Priya	Assistant professor- Biotechnology	Member	D. Priya
7.	Dr.P.Balashanmugam	Scientific director, Avigen Biotech Pvt Ltd, Chennai.	Expert member	Balashanmugam
8.	Dr. Meera Murugesan	Principal In-charge, Soka Ikeda College of Arts and Science for Women, Madanan Kuppam, Chennai.	Expert member	Meera Murugesan

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Rajeswary Hari
24/12/2020
HOD - IBT

Head
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