

Kongunadu Arts and Science College (Autonomous)
Coimbatore 641029

Department of Biotechnology

Minutes of the Board of Studies:

The Board of Studies meeting was held on 17.03.2025 at 10:00 AM at PG & Research Department of Biotechnology. The Chairman welcomed and outlined the proposed changes to be made in the following for the Board's approval.

Preamble:

The chairman, Dr. R. Sathishkumar, introduced the scheme of examination and syllabi. The members prepared the draft syllabi by incorporating the advanced content from each course of the existing syllabi of 2024-2025. The board chairman considered placing it in this BOS meeting for suggestions by the members.

Item 1. To consider revision in the Curriculum, Scheme of Examination and Syllabi of UG/PG/Certificate / Diploma courses and approval.

As per the suggestions and recommendations given by the various stakeholders on the above items discussed, the existing/modified Scheme of Curriculum / Scheme of Examination / Syllabi and Panel of Examiners to be followed is annexed herewith for the implementation at the commencement of the Academic year 2025 – 2026 and onwards.

The members, after scrutiny of the changes to be made unanimously resolved and approved all the proposed changes/minor modifications. They also resolved to authorize the Chairman of Board of Studies to place the changes/minor modifications now approved by the BOS before the Standing Committee on Academic affairs and Academic Council.

B. Sc BIOTECHNOLOGY			
Sem.	Course code	Name of the Course	Changes made
I	25UBT101	Core Paper 1 – Cell Biology and Genetics	No changes suggested
II	25UBT202	Core Paper 2 – Bioinstrumentation	No changes suggested
	25UBT203	Core Paper 3 – Microbiology	No changes suggested
I and II	25UBT2CL	Core Practical 1 - Lab in Cell biology, Genetics and Microbiology	No changes suggested
III	25UBT304	Core Paper 4 – Enzymology and Metabolism	No changes suggested
	25UBT305	Core Paper 5 – Molecular Biology	No changes suggested
IV	25UBT406	Core Paper 6 – rDNA Technology	No changes suggested
	25UBT4S2	Skill based Subject 2 - Traditional Indian Technology	No changes suggested

		and Bio Business	
III and IV	25UBT4CM	Core Practical 2 - Lab in Enzymology, Molecular Biology and rDNA Technology	No changes suggested
V	25UBT507	Core Paper 7 – Immunology	No changes suggested
	25UBT508	Core Paper 8 – Plant and Animal Biotechnology	No changes suggested
	25UBT509	Core Paper 9 – Genomics and Proteomics	No changes suggested
	25UBT5CN	Core Practical 3 – Lab in Immunology, Plant and Animal Biotechnology	No changes suggested
	25UBT5E1	Major Elective 1 (IPR, Biosafety and Bioethics)	Change of Title as Biosafety, Bioethics and Industrial process ethics include Biodiversity Act (Unit 1)
VI	25UBT610	Core Paper 10 – Bioprocess Technology	No changes suggested
	25UBT611	Core Paper 11 – Biopharmaceuticals	No changes suggested
	25UBT612	Core Paper 12 - Bioinformatics	Add Introduction to Python and its applications
	25UBT6CO	Core Practical 4 - Lab in Bioprocess Technology & Biopharmaceuticals	No changes suggested
	25UBI6S3	Skill Based Subject 3 – Basics of Intellectual Property Rights	No changes suggested
	25UBT6Z1	Case Study Analysis, Report and viva	No changes suggested

M.Sc BIOTECHNOLOGY			
Sem.	Course code	Name of the Course	Changes made
I	25PBT101	Core Paper 1- Biochemistry	No Changes suggested
	25PBT102	Core Paper 2 - Biology of Cell	No Changes suggested
	25PBT103	Core Paper 3 -Applied Microbiology	No Changes suggested
	25PBT104	Core Paper 4- Bioinformatics	Give a detailed title for the lab exercise
	25PBT1CL	Core Practical 1- Lab in Microbiology and Cellular Biology	No changes suggested
	25PBT1E1	Major Elective 1	No changes suggested
II	25PBT205	Core Paper 5- Molecular Biology and Human Genetics	No Changes suggested
	25PBT206	Core Paper 6- Genetic Engineering	No Changes suggested
	25PBT207	Core Paper 7- Immunology and Immunotechnology	No Changes suggested
	25PBT2CM	Core Practical 2- Lab in	No Changes suggested

		Molecular Biology and Genetics	
	25PBT2CN	Core Practical 3- Lab in Genetic Engineering and Immunotechnology	No Changes suggested
	25PBT2E2	Major Elective 2	No changes suggested
III	25PBT308	Core Paper 8 - Plant and Animal Transgenics	No Changes suggested
	25PBT309	Core Paper 9 - Industrial Applications of Biotechnology	No Changes suggested
	25PBT310	Core Paper 10 – Genomics, Proteomics and Metabolomics	Change name as “OMICS in Biotechnology”
	25PBT3CO	Core Practical 4 - Lab in Plant and Animal Biotechnology	No Changes suggested
	25PBT3CP	Core Practical 5 -Lab in Applied Biotechnology	No Changes suggested
	25PBT3N1	Non Major Elective I (on-line Exam)	No Changes suggested
	25PBT3X1	Extra Departmental Course	No Changes suggested
	25PBT3IT	Internship Training	No Changes suggested
IV	25PBT411	Core Paper 11- Pharmaceutical Biotechnology	No Changes suggested
	25PGI4N2	Non Major Elective II	No Changes suggested
	25PBT4Z1	Project and Viva voce	No Changes suggested

Item 2. To suggest the panel of names for the appointment of examiners

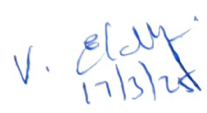
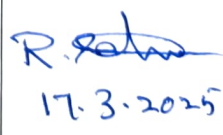
The Board of Studies members in Biotechnology authorized the Chairperson to submit the examiner panel list for question paper setting, evaluation, and practical examinations.

Item 3. Other Academic Activities in the department:

- Industry experts suggested on incorporating the “Clinical Data Management” paper in a Job-oriented course. He also suggests removing Stem cell and Neuroscience papers from JOC course list. This shall be considered for the next BOS meeting.
- The students are to complete any **MOOC On learning platforms like SWAYAM, NPTEL and Coursera, IIT Bombay Spoken Tutorial etc.,**
- Extra credits will be given to the candidates who have successfully completed and coursera will be implemented from this Academic year 2025-2026 batch. This is also applicable for the existing batches 2023-2024 and 2024-2025.

Signature of the Board Members

Signature of the Board Members

S.No.	Name	Designation	Signature
1	Dr R SathishKumar Chairman	Assistant Professor and Head (i/c) Department of Biotechnology	
2	Dr R SathishKumar University Nominee	Professor and Head Department of Biotechnology, Bharathiar University, Coimbatore	
3	Dr Sivaramakrishnan S Subject Expert	Professor and Head, Department of Biotechnology, Bharathidasan University, Trichy	Absent
4	Dr Jibu Thomas, Subject Expert	Prof and Head of Biotechnology, School of Agriculture and Biosciences, Karunya University Coimbatore.	
5	Dr Vignesh Murthy, Industrial Expert	Sr. Manager, Rajshree Biosolutions LLP, Theni.	
6	Ms Madhumidha R Alumni	Project Assistant, Ganga Orthopedic Research and Education Foundation, Coimbatore.	
7	Dr S Bhargavi Board Member	Assistant Professor, PG & Research Department of Biotechnology, Kongunadu Arts and Science College, Coimbatore.	
8	Dr V Elakkiya Board Member	Assistant Professor, PG & Research Department of Biotechnology, Kongunadu Arts and Science College, Coimbatore.	
9	Dr R Selvasundaram Board Member	Assistant Professor, PG & Research Department of Biotechnology, Kongunadu Arts and Science College, Coimbatore.	

10	Dr S Shanmugapriya Board Member	Assistant Professor, PG & Research Department of Biotechnology, Kongunadu Arts and Science College, Coimbatore.	
11	Ms Anjali D R	Assistant Professor, PG & Research Department of Biotechnology, Kongunadu Arts and Science College, Coimbatore.	


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Signature of the Chairman of the Board

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