

**Kongunadu Arts and Science College (Autonomous)**  
Coimbatore 641029

**Department of Biochemistry**

**Minutes of the Board of Studies ( Meeting No: 14)**

The Board of Studies meeting was held on 29.02.2020. The Chairman Dr. V. Selvi welcomed the members of Board of studies and outlined the changes to be made in the following for the board approval.

Item 1. To consider change in the Curriculum, Scheme of Examination and Syllabi of UG Biochemistry course and approval.

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

Item 3. Other academic activities in the department.

As per the suggestions and recommendations given by the Stakeholders on the above items discussed, the existing/revised Scheme of Curriculum / Scheme of Examination / Syllabi and Panel of Examiners are to be followed is annexed herewith for the implementation from the commencement of the Academic year 2020 – 2021.


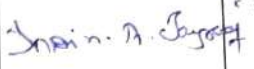



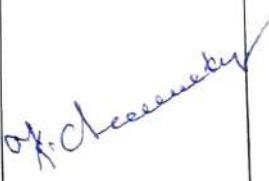

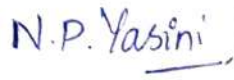
The members after careful scrutiny of the changes to be made unanimously accorded approval for the proposed changes/modifications. They also resolved to authorize the Chairman of Board of Studies to place the changes/modifications now approved by the BOS before the Standing Committee on Academic affairs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

Sem.	Course code	Name of the Course	Changes made
III	20UBC3A3	Allied Biochemistry I	<b>Unit IV</b> Feedback inhibition removed. <b>Unit V</b> Nuclear organization of DNA in prokaryotes (Bacteria) and Eukaryotes (Humans) removed.
IV	20UBC4A4	Allied Biochemistry II	<b>Unit I</b> The mechanism of action of Bicarbonate buffer system and phosphate buffer system has been replaced by haemoglobin buffer system. <b>Unit II &amp; III</b> Unit II & III were reshuffled as follows. Unit II consists of colorimetry and centrifugation and Unit III consists of chromatography and electrophoresis. The topic radioactivity has been removed.

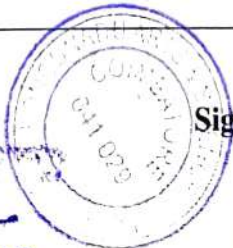
			<p><b>Unit IV</b> Unit IV and V are shuffled Conversion of pyruvate to acetyl Co A was added and ETC and oxidative phosphorylation from Unit V was included.</p> <p><b>Unit V</b> The topics Bioenergetics, chemiosmotic hypothesis and calorific value of metabolism have been removed. Lipid and intermediary metabolism and interrelationship of Carbohydrate, fat and protein metabolism were kept as Unit V.</p>
V	20UBC5E1 & 2	Major elective paper 1 &2.	Biopharmaceuticals paper has been completely modified by combining with Principles of Pharmacology. Two elective papers were included instead of Biotechnology and Principles of Pharmacology.
V	20UBC6CN	Core practical 3. Biochemistry	Glucose estimation by glucose oxidase method was replaced by O- toluidine method.
V	20UBC6CO	Core practical 4. Biochemistry	Tissue staining was replaced by Bioinformatics.
V	20UBC6CP	Core practical 5. Biochemistry	RA factor and pregnancy test were replaced by widal test and simple and double immunodiffusion.


**Other Academic Activities:** The students should complete a SWAYAM-MOOC before the completion of the 5<sup>th</sup> semester and the course completed certificate should be submitted to the HoD. Two credits will be given to the candidates who have successfully completed.

Signature of the Board Members

S.No.	Name	Designation	Signature
1.	<b>Chairperson</b> Dr. V. Selvi	Associate Professor & Head	
2.	<b>Members</b> Dr. Indira A Jayraaj	Associate Professor	
3.	Dr. K. Kalaivani	Associate Professor	
4.	Dr. R.T. Narendhirakannan	Assistant Professor	
5.	Dr. K. Nirubama	Assistant Professor	
	<b>University Nominee</b> Dr. Suresh Rayala	Professor Department of Biotechnology Bhupat and Jyoti Mehta School of Bioscience IIT, Madras- 600 036.	Absent
	<b>Subject Experts- Academic Council</b>		
1.	Dr. R. Manimekalai	Principal Department of Biochemistry Dr. MGR Janaki College of Arts and Science Chennai 600 028.	Absent
2.	Dr. P. Rani	Professor, Department of Biotechnology, P.S.G. College of Technology Peelamedu Coimbatore- 641 004.	Absent
	<b>Alumni Member</b> Dr. K. Chandrakumar	Assistant Professor of Biochemistry Department of Bioenergy Agriculture Engineering College and Research Institute Tamilnadu Agriculture University Coimbatore- 641 003.	
	<b>Industrial List</b> Ms. S. Sudarkodi	King's Diagnostic Service 100 Feet- Sathy Road Junction Coimbatore- 641 004	
	<b>Student Nominee</b> Ms. N.P.Yasini (171BC004)	III. B.Sc Biochemistry, Kongunadu Arts and Science College Coimbatore- 641 029.	

  
PRINCIPAL  
KONGUNADU ARTS & SCIENCE COLLEGE  
COIMBATORE - 641 029.



  
Signature of the Chairman of the Board  
**Dr. V. SELVI, M.Sc., M.Phil., Ph.D.,**  
Associate Professor & Head  
Department of Biochemistry  
Kongunadu Arts & Science College  
Coimbatore - 641 029