



# **KONGU ARTS AND SCIENCE COLLEGE**

**(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)**

**ERODE – 638 107**

**Department of Biochemistry**



**KONGU ARTS AND SCIENCE COLLEGE**

**(Autonomous)**

**NANJANAPURAM, ERODE – 638 107.**



**DEPARTMENT OF BIOCHEMISTRY**

**BOARD OF STUDIES MEETING**

**AGENDA**

**DATE: 30.03.2019**

1. To consider and approve the Syllabi for V and VI semester for the students admitted during the academic year 2017-2018 and onwards.
2. To consider and approve the Extra Credits for the SWAYAM and NPTEL online courses for students who have been admitted during the academic year 2019-2020 and onwards.
3. To consider and approve the Panel of Examiners.
4. To consider and discuss any other subjects with the permission of the chair.



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The meeting of the Board of Studies in Biochemistry (UG) was conducted on 30.03.2019 at 10.15 a.m. in the college campus.

The following members were present:

Chairman : Dr.A.K.Vidya

Members :

- 1.Ms.T.Radha (Senior Staff Member)
- 2.Dr.N.Sangeetha (Senior Staff Member)
- 3.Dr.S.Suja (Subject Expert)
- 4.Dr.J.Poongothai (Subject Expert)
- 5.Dr.M.Saravanakumar (Industrial Expert)




  
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Subject related to CBCS, Outcome based Syllabus and Extra Credits were discussed and the following are the resolutions:

1. It is resolved to approve the scheme of Examination and new Syllabi of I and II Semesters for the I B.Sc. Biochemistry students admitted during the academic year 2019-2020 Batch only
2. It is resolved to approve to change the syllabus for the students who have admitted during the academic year 2019-2020 Batch only.
3. There is no change in the syllabi of III and IV Semesters for II B.Sc. Biochemistry students admitted during the academic year 2018-2019 and onwards.
4. It is resolved to approve the Scheme of Examination and new Syllabi of V & VI Semester for the III B.Sc. Biochemistry students admitted during the academic year 2017-2018 and onwards
5. There is no change in the Syllabi for the M.Sc Biochemistry Students admitted during the academic year 2017-2018 and onwards
6. It is resolved to approve the award of Extra Credits for SWAYAM and NPTEL online courses for students who have been admitted during the academic year 2019-2020 and onwards
7. It is resolved to approve the additional name for panel of Members for Question Paper Setting and Central Valuation. (Annexure-I)



  
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**Details of modifications in the Courses offered under the Programme**

**B.Sc Biochemistry**

There is a modification in the syllabi of I and II Semesters & V and VI Semesters for the B.Sc Biochemistry students admitted from the 2019-2020 batch onwards & 2017-2018 batch onwards respectively based on the feedback obtained from Stakeholders and recommendations of the BOS Panel members.

The adopted modifications are given in **Annexure-b**



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## Annexure- b

## Details of modifications with specific topics in the Syllabus with % revision

## B.Sc Biochemistry

## I B.Sc Biochemistry

S. No	Course Code	Name of the Course	Topics Introduced	Topics Removed	% of Revision
1	19UAPCP202	Core Biochemistry Practicals - I	<ul style="list-style-type: none"> <li>Qualitative analysis of lipids</li> </ul>	NIL	6 %
2	19UAPAT203	Allied Chemistry II	<ul style="list-style-type: none"> <li>Laboratory Principles Chapter</li> </ul>	NIL	10 %

## III B.Sc Biochemistry

S. No	Course Code	Name of the Course	Topics Introduced	Topics Removed	% of Revision
1	17UAPCT501	Human Physiology and Endocrinology	<ul style="list-style-type: none"> <li>Units are interchanged</li> <li>Micturition</li> </ul>	NIL	2 %
2	17UAPCT502	Clinical Biochemistry	NIL	<ul style="list-style-type: none"> <li>Fanconi Syndrome</li> <li>Porphyria</li> <li>Hyperuricemia</li> <li>Renal calculi</li> <li>Markers produced by various tissues</li> </ul>	5 %
3	17UAPCT503	Molecular Biology	NIL	<ul style="list-style-type: none"> <li>Formation of DNA from Nucleotides</li> <li>Coding &amp; Non-coding strands</li> </ul>	2 %
4	17UAPCP504	Core Biochemistry Practicals - III	<ul style="list-style-type: none"> <li>Qualitative analysis of normal and abnormal urine Constituents</li> </ul>	<ul style="list-style-type: none"> <li>Estimation of SGOT &amp; SGPT - Kit method</li> </ul>	10 %
5	17UAPET506	Elective I: Plant and Animal Biotechnology	<ul style="list-style-type: none"> <li>Bt Cotton</li> </ul>	NIL	2 %
6	17UAPST508	Skill Based: Medical Coding	NIL	Musculoskeletal system	1 %
7	17UAPCT601	Medicinal Biochemistry	<ul style="list-style-type: none"> <li>Drugs acting on Diabetes Mellitus</li> </ul>	Drugs acting on Renal system	10 %




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8	17UAPCT602	Plant Biochemistry and Plant Therapeutics	<ul style="list-style-type: none"> <li>Seed Dormancy</li> </ul>	Biochemistry of Seed germination	3 %
9	17UAPCT603	Immunology and Immunotechniques	<ul style="list-style-type: none"> <li>Epitopes, Paratopes</li> <li>IgY</li> <li>Specified the type of cytokines</li> <li>Burkitt's Lymphoma</li> </ul>	<ul style="list-style-type: none"> <li>Antigen – Properties, Specificity, cross reactivity</li> <li>Antigenic determinants</li> <li>Antibodies – Specificity &amp; Distribution</li> </ul>	20 %
10	17UAPCP604	Core Biochemistry Practicals - IV	NIL	<ul style="list-style-type: none"> <li>Preparation of PDA Agar</li> </ul>	1 %
11	17UAPEP605	Elective II: Bioinformatics Practicals	NIL	<ul style="list-style-type: none"> <li>Database File Formats</li> </ul>	1 %
12	17UAPST611	Skill Based: Bioinformatics	NIL	<ul style="list-style-type: none"> <li>Protein structure Visualisation Tools (Rasmol, Swiss PDB Viewer)</li> </ul>	1 %

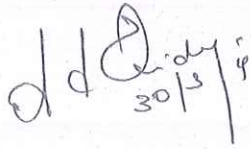
In overall, there had been a **1.80 %** of revision in the Syllabus of B.Sc Biochemistry Programme



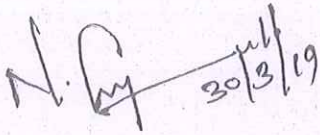
  
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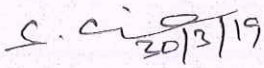


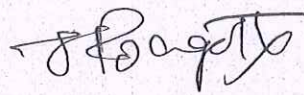
All the above resolutions are approved.

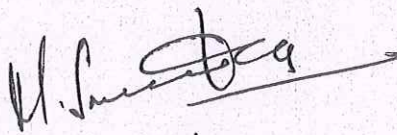
1.  30/3/19


2. Radhika  
30/3/19

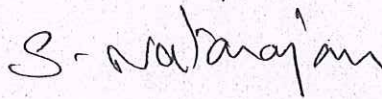
3. N. G.  30/3/19

4. S. S.  30/3/19

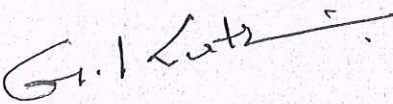
5. 

6. 


7. n. n. 

8. S. n. 

9.

10. G. I. 



  
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