

ಸಂತ ಅಲೋಶಿಯಸ್ ಕಾಲೇಜು (ಸ್ವಾಯತ್ತ)

ಮಂಗಳೂರು- 575 003, ಕರ್ನಾಟಕ

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**ST ALOYSIUS COLLEGE (AUTONOMOUS)**

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Re-accredited by NAAC with 'A' Grade with CGPA 3.62/4  
Ranked 95 in College Category - 2021 under NIRF, Ministry of Education, Government of India  
Recognized as Centre for Research Capacity Building under UGC-STRIDE Scheme  
Recognized under DBT - BUILDER Scheme, Government of India  
College with "STAR STATUS" Conferred by DBT, Government of India  
Recognised by UGC as "College with Potential for Excellence"

## DEPARTMENT OF BIOCHEMISTRY (UG)

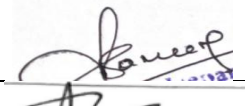
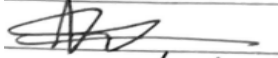
### MINUTES OF THE MEETING

A meeting of the Board of Study in **BIOCHEMISTRY (UG)** was held on 24-06-2022 at 2 pm in Conference Room Aruppe block 408 to discuss the following agenda:

1. Revision and implementation of NEP syllabus for the year 2022-23
2. Discussion on the NEP syllabus scheme of third and fourth semester
3. To discuss about student performance and results
4. To transact any other matter with the permission of the chairperson

### Members present:

	Name	Category	Address	Signature
<b>External members</b>				
1.	<b>Prof Cletus D' Souza</b>	Subject expert	Adjunct Professor, Department of PG studies and Research in Biochemistry, St Aloysius College (Autonomous)	
2.	<b>Dr Usha Rao</b>	Subject expert	HOD, Biochemistry ALVAS COLLEGE Moodibidri	
3.	<b>Dr Praveen K</b>	Representative from industry	Assistant Manager Mol Bio Diagnostics Pvt Ltd., Unnamed Road, Verna Industrial Estate, Verna, Goa 403722	<b>Online mode</b>
4.	<b>Saumia Thomas Kampadukad</b>	Student Representative	Reg no 192852	

<b>Internal members</b>				
5.	Ms Shameena.K.A.		Chairperson	
6.	Ms Valina D Almeida			

The meeting began with a silent prayer and welcome address delivered by Ms Shameena.K.A, HOD of the Department. This meeting was conducted in continuation of the previous meeting held on 13-9-2021

**Agenda 1:** Revision and implementation of NEP syllabus for the year 2022-23

**Discussion/Suggestions:**, The BOS members were of the opinion that few incorporations could be made to the existing syllabus of second year.

**Resolution:** The following changes were introduced into the existing syllabus.

SEMESTER	NEP SYLLABUS UNDER MANGALORE UNIVERSITY	CHANGES MADE	REASON
<b>III</b>  <b><u>COURSE TITLE :</u></b> <b>BIO-ORGANIC CHEMISTRY</b>	<b>Unit 1:-</b>  REACTION MECHANISMS AND HYDROCARBONS	Rearranged amines from unit 1 to unit 2 Removed mesomeric, inductive effect and Hydrocarbons	This was not connected with other units
	<b>Unit 2:-</b>	Removed Elimination reactions  Added biology based reactions to understand substitution reaction	We have emphasized on the biological aspects of metabolic reaction

	<b>Unit 3:-</b>	Rearranged the topics according to units and added Food Adulteration in Unit 4	Practical's are now in accordance with the theory aspects
<b>IV</b> <b><u>COURSE TITLE :</u></b> Analytical Biochemistry	<b>Units 1-4</b>	Rearranged the topics	Units are connected according to the topics given

**Action taken:** Changes have been approved by the BOS members.

**Agenda 2 and 3:** Evaluation and incorporation of additional Practical experiments.

**Discussion/Suggestions:** The BOS members suggested that the experiments in practical papers should be in accordance with the theory papers.

Resolution: Practicals have been oriented with the theory papers.

<b>SEMESTER</b>	<b>NEP SYLLABUS UNDER MANGALORE UNIVERSITY</b>	<b>CHANGES MADE</b>	<b>REASON</b>
<b>III</b> <b><u>COURSE TITLE :</u></b> <b>Bioorganic Chemistry</b>		Additional Practicals  1. Estimation of Cholesterol by Zak's method. 2. Estimation of Vitamin C by titration method/ colorimetric method 3. Estimation of Flavones by colorimetric method 4. Estimation of Vitamin E 5. Qualitative analysis of food adulterants 6. Estimation of Phenolics	Practical papers should be in accordance with the theory papers.
<b>IV</b> <b><u>COURSE TITLE :</u></b> Analytical Biochemistry		Removed Gel filtration Chromatography	As there are many more experiments to be performed

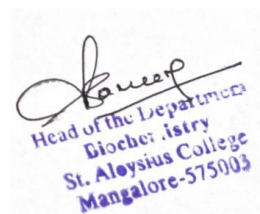
**Action Taken:** BOS members have approved the same.

**Agenda 4:** To transact any other matter with the permission of the chairperson.

**Discussion:** BOS members deliberated on student strength opting for Biochemistry major under the NEP curriculum and a discussion was initiated as to why only 30 students opted for Biochemistry as major? The chairperson responded that it was policy of the management.

Date: 24.06.2022

**Signature and seal of the Head of the Department**



Handwritten signature of the Head of the Department, Biochemistry, St. Aloysius College, Mangalore-575003. Below the signature is a blue official stamp with the text: Head of the Department, Biochemistry, St. Aloysius College, Mangalore-575003.