



**St Aloysius College (Autonomous)**  
**Mangaluru**

**Re-accredited by NAAC “A” Grade**  
**Course structure and syllabus of**  
**B.Sc.**  
**CHEMISTRY**

**Under NEP Regulations, 2021**



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Re-accredited by NAAC with 'A' Grade with CGPA 3.62/4  
Recognised by UGC as "College with Potential for Excellence"  
Conferred "College with "STAR STATUS" by DBT, Government of India.  
Centre for Research Capacity Building under UGC-STRIDE

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Date: 21-02-2022

### NOTIFICATION

Sub: Syllabus of **B.Sc. CHEMISTRY** under NEP Regulations, 2021.  
(As per Mangalore University guidelines)

Ref: 1. Decision of the Academic Council meeting held on 18-12-2021 vide  
Agenda No: 6 (2021-22)  
2. Office Notification dated 21-02-2022

Pursuant to the above, the Syllabus of **B.Sc. CHEMISTRY** under NEP Regulations, 2021 which was approved by the Academic Council at its meeting held on 18-12-2021 is hereby notified for implementation with effect from the academic year **2021-22**.

**PRINCIPAL**



**REGISTRAR**

To:

1. The Chairman/Dean/HOD
2. The Registrar Office
3. Library

### COURSE PATTERN

Course No & Paper / Practical	Teaching Hours per week	Duration of Exam (Hours)	Marks		
			I A	Exam	Total
<b>FIRST SEMESTER</b>					
<b>G 502DC 1.1: Analytical and Organic Chemistry – I</b>	<b>4</b>	<b>2.5</b>	<b>40</b>	<b>60</b>	<b>100</b>
<b>G 502 DC2.1P: Analytical and Organic Chemistry – I</b>	<b>4</b>	<b>2.5</b>	<b>40</b>	<b>60</b>	<b>100</b>
<b>G 502 OE1.1: Chemistry in Daily Life</b>	<b>3</b>	<b>2.5</b>	<b>40</b>	<b>60</b>	<b>100</b>
<b>SECOND SEMESTER</b>					
<b>G502 DC1.2: Inorganic and Physical Chemistry - I</b>	<b>4</b>	<b>2.5</b>	<b>40</b>	<b>60</b>	<b>100</b>
<b>G 502 DC 2.2P: Inorganic and Physical Chemistry - I</b>	<b>4</b>	<b>2.5</b>	<b>40</b>	<b>60</b>	<b>100</b>
<b>G 502 OE 1.2: Molecules of Life</b>	<b>3</b>	<b>2.5</b>	<b>40</b>	<b>60</b>	<b>100</b>



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**Re-accredited by NAAC “A” Grade**

**Course structure and syllabus of**

**B.Sc.**

**BOTANY**

**Under NEP Regulations, 2021**



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*S. Venkatesh*

**PRINCIPAL**

To:

1. The Chairman/Dean/HOD
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3. Library



**REGISTRAR**

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**Programme structure for the under-graduate programs in Universities and Colleges**

<b>SEMESTER-I</b>								
Group	Course Code	Title of the Course	Instruction Hours / week	Duration of Exam (Hours)	Marks			Credits
					IA	Exam	Total	
Discipline Specific Course	G 507 DC1.1	MICROBIAL DIVERSITY AND TECHNOLOGY	4	2.5	40	60	100	4
Discipline Specific Course	G 507 DC 2.1P	MICROBIAL DIVERSITY AND TECHNOLOGY - PRACTICALS	4	3	25	25	50	2
Open Elective Course	G 507 OE 1.1	PLANTS FOR HUMAN WELFARE	3	2.5	40	60	100	3

**[subjects with practicals] [With major Botany]**

<b>SEMESTER- II</b>								
Group	Course Code	Title of the Course	Instruction Hours / week	Duration of Exam (Hours)	Marks			Credits
					IA	Exam	Total	
Discipline Specific Course	G507 DC1.2	DIVERSITY OF NON-FLOWERING PLANTS	4	2.5	40	60	100	4
Discipline Specific Course	G507DC 2.2P	DIVERSITY OF NON-FLOWERING PLANTS - PRACTICALS	4	3	25	25	50	2

Open Elective Course	G 507 OE 1.2	PLANT PROPAGATION, NURSERY MANAGEMENT AND GARDENING	3	2.5	40	60	100	3
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