



**St Aloysius College (Autonomous)**

**Mangaluru**

**Re-accredited by NAAC “A” Grade**

**Course structure and syllabus of**

**B.Sc.**

**BOTANY**

**Under NEP Regulations, 2021**



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

Date: 21-02-2022

## NOTIFICATION

Sub: Syllabus of **B.Sc. BOTANY** 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. BOTANY** 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**.

*S. Venkatesh*

**PRINCIPAL**

To:

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



**REGISTRAR**

*mm*

**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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Date: 21-02-2022

## NOTIFICATION

Sub: Syllabus of **B.Sc. ZOOLOGY** 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. ZOOLOGY** 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**.

*S. Venkatesh*

PRINCIPAL



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## Scheme of credit based semester system for B.Sc.

### Optional subject: Zoology

#### I Semester

Paper	Instructions hours/ week		Duration of exam hours	Marks		Total Marks	Credits
	Theory	Practical		Exam	IA		
G 508 DC 1.1 ( Theory) Cytology, Genetics and Infectious Diseases	4	-	2	60	40	100	2
G 508. DC 1.1P (Practical) Cytology, Genetics and Infectious Diseases	-	4	4	40	10	50	1
<b>G 508 OE 1.1</b> <b>(Open Elective)</b> Economic Zoology	<b>3</b>	<b>-</b>	<b>2</b>	<b>40</b>	<b>10</b>	<b>50</b>	<b>1</b>

#### II Semester

Paper	Instructions hours/ week		Duration of exam hour	Marks		Total Marks	Credits
	Theory	Practical		Exam	IA		
G 508.DC 2.1 ( Theory) <b>Biochemistry</b> <b>andPhysiology</b>	4	-	2	60	40	100	2
G 508.DC2.1 P (Practical) <b>Biochemistry</b> <b>andPhysiology</b>	-	4	4	40	10	50	1
<b>G 508 OE 2.1E</b> <b>(Open Elective)</b> <b>Parasitology</b>	<b>3</b>	<b>-</b>	<b>2</b>	<b>40</b>	<b>10</b>	<b>50</b>	<b>1</b>

