



MAHATMA GANDHI UNIVERSITY, KERALA

Abstract

Bachelor of Science (Honours) Microbiology - 3rd, 4th & 6th Semesters - Recommendations for modifications to the Course Outcomes, Course Content and Rectification of typographical error in the Course Code - Academic Council Resolution - Orders issued.

ACA 16

No. 7534/ACA 16/2025/MGU

Priyadarsini Hills, Dated: 12.08.2025

Read:- 1. U.O. No. 5797/AC A16/2024/MGU, dated. 27.06.2024

2. Item No: 69/46322/ACA 16 -2/2025, of the minutes of the meeting of the Academic Council held on 04.07.2025.

ORDER

The syllabi of various Under Graduate Programmes coming under the MGU-UGP (Honours) Regulations, 2024, have been approved vide paper read as (1) above and published on the website of the University.

The Expert Committee on Microbiology (UG & PG) at its meeting, discussed the need to modify the Course Outcomes and Course Content of DSC / DSE / MDC / type courses and to rectify the typographical error in the course code of MG3DSEMBG202: Biodiversity and Human Well-being, in the Third Semester syllabus of Bachelor of Science (Honours) Microbiology programme. Also pointed out the need to modify the Course Outcomes and Course Content of DSC / VAC type courses in the Fourth and to modify the Course Outcomes and Course Content of SEC / VAC type courses in the Sixth Semesters syllabus of the said programme and has submitted recommendations for the same. (Recommendations are attached as Annexure.)

The said recommendations were placed before the Academic Council for consideration as per the orders of the Vice Chancellor on 28.05.2025.

The Academic Council meeting, vide paper read as (2) above, has resolved to approve the recommendations of the Expert Committee on Microbiology (UG & PG).

Hence, the Course Outcomes and Course Content of the said courses in the 3rd, 4th & 6th Semesters syllabus of Bachelor of Science (Honours) Microbiology programme stands modified to this extent.

Orders are issued accordingly.

SUDHA MENON J

ASSISTANT REGISTRAR III
(ACADEMIC)
For REGISTRAR

Copy To

1. PS to VC
2. PA to Registrar/CE
3. JR 2 (Admin)/DR 2, AR 3 (Academic)
4. JR/DR/AR (Exam)
5. Convenor, Expert Committee, Microbiology (UG & PG)
6. Tabulation, Academic Sections Concerned
7. AC C1/ AC C2 Sections
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10. ACTION TAKEN REPORT
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File No: 46322/AC A16 -2/2025/ACA 16.

Forwarded / By Order

Section Officer

Annexure

Semester 3

Course Name : General Microbiology

Course Code : MG3DSCMBG200

COURSE OUTCOMES (CO)

CO No.	Expected Course Outcome	Learning Domains	PO No.	Page Number
5	Removed			30

Course Name : Microbial Genetics

Course Code : MG3DSCMBG201

COURSE OUTCOMES (CO)

CO No.	Expected Course Outcome (Modified)	Learning Domains	PO No.	Page Number
4 (First One)	Hands - On Training To demonstrate the isolation of Bacterial DNA and understand bacterial mutagenesis with UV radiation.	U	2, 6	34
4	Removed			
5				

Course Name : Bioinstrumentation and Techniques

Course Code : MG3DSEMBG200

COURSE CONTENT

Content for Classroom Transaction (Units)

Module	Units	Course Description	Hrs. (Modified)	CO No. (Modified)	Page Number
2	2.1	No Change	5	2	38
	2.2		10	3	
	2.3				
3	3.1		No Change	4	
	3.2				
4	4.1		No Change	5	
	4.2				

Course Name : Biodiversity and Human Well-being

Course Code : MG3DSEMBG202

Course Code (Modified)	Existing	Modified	Page Number
	MG3DSEMBG200	MG3DSEMBG202	44

Course Name : Public Health and Emerging Microbial Disease

Course Code : MG3MDCMBG200

COURSE OUTCOMES (CO)

CO No. (Modified)	Expected Course Outcome (Modified)	Learning Domains	PO No.	Page Number
4	Differentiate vector-borne infections.	A	1,2,6,8,10	51

Semester 4

Course Name : Applied Microbiology

Course Code : MG4DSCMBG202

COURSE OUTCOMES (CO)

CO No.	Expected Course Outcome (Modified)	Learning Domains	PO No.	Page Number
5	To apply microbiological techniques for analysis - Food, soil, water and air.	No Change	No Change	73

COURSE CONTENT

Content for Classroom Transaction (Units)

Module	Units	Course Description	Hrs.	CO No. (Modified)	Page Number
4	4.1	No Change	No Change	4	74
	4.2			4	
	4.3			5	

Course Name : Sanitation Microbiology

Course Code : MG4VACMBG200

COURSE CONTENT

Content for Classroom Transaction (Units)

Module	Units	Course Description	Hrs.	CO No. (Modified)	Page Number
3	3.4	No Change	No Change	4	81

Semester 6

Course Name : Diagnostic Microbiology

Course Code : MG6SECMBG300

COURSE OUTCOMES (CO)

CO No.	Expected Course Outcome	Learning Domains	PO No.	Page Number
4	Removed			125
5				

Course Name : Good Manufacturing Practices

Course Code : MG6VACMBG300

COURSE OUTCOMES (CO)

CO No.	Expected Course Outcome	Learning Domains	PO No.	Page Number
4	Removed			128