



MAHATMA GANDHI UNIVERSITY, KERALA

Abstract

Bachelor of Science (Honours) Zoology - Fourth Semester - Modifications to the Course Content - Amendment to the existing University Order - Approved - Orders Issued.

ACA 16

No. 3938/ACA 16/2026/MGU

Priyadarsini Hills, Dated: 20.04.2026

*Read:-*1. U.O.No.323/AC A16/2026/MGU, dated.12.01.2026.

2. Orders of the Professor in charge of the Vice Chancellor, dated 18.04.2026.

ORDER

The Course Content for the course **MG4DSCZGY201: Biological Chemistry** in the **Fourth Semester Syllabus of Bachelor of Science (Honours) Zoology** programme has been modified, as per the University Order vide paper read as (1) above.

However, an error of omission occurred in the Course Outcome Mapping for the Module 4 of the respective course in the aforementioned University Order.

Sanction has been accorded by the Professor in charge of the Vice Chancellor to rectify the error in the Course Content of the said course and amend the existing University Order, vide paper read as (2) above. **(Modification is attached as Annexure)**

Hence, the Course Content of the said course in the University Order No. 323/ACA 16/2026/MGU, dated: 12.01.2026, 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. Convenor, Expert Committee, Zoology (UG)
4. JR 2 (Admin)/DR 2, AR 3 (Academic)
5. JR/DR/AR (Exam)
6. Tabulation/Academic Sections concerned
7. AC C1/AC C2 Sections
8. IT Cell 3/OQPM1Sections
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10. Stock File/File Copy

File No. 30058/AC A16-1/2026/AC A16

Forwarded / By Order

Section Officer

ANNEXURE
SEMESTER IV

Course Name : Biological Chemistry
Course Code : MG4DSCZGY201

Course Content
Content for Classroom transaction (Units)

| Module | Units (Modified) | Course Description | Hours | CO.No. (Modified) | Page No. |
|--------|-------------------|---|-----------|-------------------|----------|
| 1 | 1.1 | No change | No change | 1 | 86,87 |
| | 1.2 | | | | |
| | 1.3 | | | | |
| | 1.4 | | | | |
| 2 | No Change | | | | |
| 3 | 3.1 | No Change | No Change | 3 | |
| | 3.2 | | | No Change | |
| | 3.2 | | | | |
| | 3.4 | | | | |
| | 3.5 | | | | |
| 4 | Practicals | | | | |
| | 4.1 | Calculation of Molarity and normality of solutions. Preparation of standard solutions. | No Change | No Change | |
| | 4.2 | Study of the structure of Carbohydrates – Glucose and Fructose using Ball and stick model | | 1 | |
| | 4.3 | Study of the structure of Nucleic acids- DNA, RNA and Protein using software tools | | 1 | |
| | 4.4 | Qualitative analysis of Carbohydrates, Proteins and lipids | | No Change | |
| | 4.5 | Qualitative analysis of Urease | | No Change | |
| | | | | | |

| | | | | | |
|---|-----|---------------------------------|--|-----------|--|
| | 4.6 | Saponification test | | No Change | |
| 5 | | Teacher Specific Content | | | |