



MAHATMA GANDHI UNIVERSITY, KERALA

Abstract

Bachelor of Science (Honours) Cyber Forensics - Fourth Semester - Modifications to the Course Content - Approved - Orders Issued.

ACA 16

No. 682/ACA 16/2026/MGU

Priyadarsini Hills, Dated: 19.01.2026

Read:- 1. U.O. No. 5797/ACA16/2024/MGU, Dated. 27.06.2024.

2. Minutes of the meeting of the Expert Committee on Cyber Forensics (UG & PG).
3. Orders of the Vice Chancellor under Section 10(17), Chapter III of the Mahatma Gandhi University Act 1985, dated.17.01.2026.

ORDER

The syllabi of various Honours 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 Cyber Forensics (UG), at its meeting, discussed the need to modify the Course Outcome Number Mapping in the Course Content of DSC / DSE / SEC type courses and to modify the Course Description in the Course Content of the course **MG4DSCCFS201: Applied Cryptography**, in the **Fourth Semester** syllabus of Bachelor of Science (Honours) Cyber Forensics programme and has submitted recommendations vide paper read as (2) above. **(Recommendations are attached as Annexure.)**

Considering the urgency of the matter, the Vice Chancellor, in exercise of the powers of the Academic Council vested upon him under Section 10(17), Chapter III of the Mahatma Gandhi University Act 1985, vide paper read as (3) above, has approved the above recommendations.

Hence, the Course Content of the said courses in the Fourth Semester syllabus of Bachelor of Science (Honours) Cyber Forensics programme, stands modified to this extent.

Orders are issued accordingly.

SUDHA MENON J

ASSISTANT REGISTRAR III
(ACADEMIC)
For REGISTRAR

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Section Officer

ANNEXURE

SEMESTER IV

Course Name : Data Structure Using C++

Course Code : MG4DSCCFS200

COURSE CONTENT

Content for Classroom Transaction(Units)

| Module | Units | Course Description | Hrs. | CO No. (Modified) | Page No. |
|--------|--------------------------|--------------------|-----------|----------------------|-------------|
| 1 | 1.1 | No Change | No Change | No Change | 62 |
| | 1.2 | | | | |
| 2 | 2.1 | | | | |
| | 2.2 | | | | |
| | 2.3 | | | | |
| 3 | 3.1 | | | | |
| | 3.2 | | | | |
| 4 | 4.1 | | | 1,2,3,4 | |
| | 4.2 | | | 1,2,3,4 | |
| 5 | Teacher Specific Content | | | | |

Course Name : Applied Cryptography

Course Code : MG4DSCCFS201

COURSE CONTENT

Content for Classroom Transaction(Units)

| Module | Units | Course Description (Modified) | Hrs. | CO No. | Page No. |
|--------|-------|----------------------------------|-----------|-----------|-------------|
| 1 | 1.1 | No Change | No Change | No Change | 65,66 |
| | 1.2 | | | | |
| | 1.3 | | | | |
| | 1.4 | | | | |

| | | | | | |
|---|--------------------------|--|-----------|-----------|-------|
| 2 | 2.1 | No Change | No Change | No Change | 65,66 |
| | 2.2 | | | | |
| | 2.3 | | | | |
| | 2.4 | | | | |
| | 2.5 | | | | |
| | 2.6 | | | | |
| 3 | 3.1 | No Change | No Change | No Change | |
| | 3.2 | | | | |
| | 3.3 | | | | |
| | 3.4 | | | | |
| 4 | 4.1 | Write a Python program to implement the DES algorithm logic. Write a Python program to implement the AES algorithm logic. | No Change | No Change | |
| | 4.2 | Write a Python program to implement the RSA algorithm logic. | | | |
| | 4.3 | Write a Python program to implement the MD5 algorithm logic. | | | |
| | 4.4 | No Change | | | |
| 5 | Teacher Specific Content | | | | |

Course Name : Virtual Private Network Security

Course Code : MG4DSECFS200

COURSE CONTENT

Content for Classroom Transaction(Units)

| Module | Units | Course Description | Hrs. | CO No. (Modified) | Page No. |
|--------|-------|--------------------|-----------|----------------------|-------------|
| 1 | 1.1 | No Change | No Change | No Change | 69,70 |
| | 1.2 | | | | |
| | 1.3 | | | | |
| 2 | 2.1 | No Change | No Change | No Change | |
| | 2.2 | | | | |
| | 2.3 | | | | |
| 3 | 3.1 | No Change | No Change | 1 ,4 | 69,70 |
| | 3.2 | | | No Change | |
| | 3.3 | | | | |

| | | | | | |
|---|--------------------------|-----------|-----------|-----------|--|
| 4 | 4.1 | No Change | No Change | No Change | |
| | 4.2 | | | | |
| | 4.3 | | | | |
| 5 | Teacher Specific Content | | | | |

Course Name : Distributed Systems

Course Code : MG4DSECFS202

COURSE CONTENT

Content for Classroom Transaction(Units)

| Module | Units | Course Description | Hrs. | CO No. (Modified) | Page No. |
|--------|--------------------------|--------------------|-----------|----------------------|-------------|
| 1 | 1.1 | No Change | No Change | No Change | 75,76 |
| | 1.2 | | | | |
| | 1.3 | | | | |
| 2 | 2.1 | No Change | No Change | No Change | |
| | 2.2 | | | | |
| | 2.3 | | | | |
| 3 | 3.1 | No Change | No Change | No Change | |
| | 3.2 | | | 1,2,3 | |
| | 3.3 | | | | |
| 4 | 4.1 | No Change | No Change | No Change | |
| | 4.2 | | | | |
| | 4.3 | | | | |
| 5 | Teacher Specific Content | | | | |

Course Name : Programming in JAVA

Course Code : MG4SECCFS200

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|------------------|--|-------------|
| Programme | BSc (Hons) Cyber Forensics (Included) | Page No. 80 |
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COURSE CONTENT

Content for Classroom Transaction(Units)

| Module | Units | Course Description | Hrs. | CO No. (Modified) | Page No. |
|--------|--------------------------|--------------------|-----------|----------------------|-------------|
| 1 | 1.1 | No Change | No Change | No Change | 81,82 |
| | 1.2 | | | | |
| | 1.3 | | | | |
| 2 | 2.1 | No Change | No Change | No Change | |
| | 2.2 | | | | |
| | 2.3 | | | | |
| 3 | 3.1 | No Change | No Change | No Change | |
| | 3.2 | | | | |
| | 3.3 | | | | |
| 4 | 4.1 | No Change | No Change | 1,2,3,4 | |
| | 4.2 | | | 1,2,3,4 | |
| 5 | Teacher Specific Content | | | | |

Course Name : Cyber Laws and Case Studies

Course Code : MG4VACCFS200

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| Programme | BSc (Hons) Cyber Forensics (Included) | Page No. 83 |
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