



## MAHATMA GANDHI UNIVERSITY, KERALA

### Abstract

The MGU - UGP (Honours) Regulations, 2024 - Signature Courses - Approval of the Syllabus - Orders Issued.

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### ACA 16

No. 6550/ACA 16/2025/MGU

Priyadarsini Hills, Dated: 17.07.2025

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*Read:-* 1. U.O.No.1933/LEGN/2024/MGU, dated.29.02.2024.

2. Orders of the Professor in charge of the Vice Chancellor under Section 10(17), Chapter III of the Mahatma Gandhi University Act 1985, dated. 15.07.2025.

### ORDER

The Mahatma Gandhi University Under Graduate Programmes (Honours) Regulations, 2024 (MGU - UGP (Honours)), have been approved, vide paper read as (1) above, for the commencement of Honours Under Graduate Programmes from the academic year 2024 - 2025 in the affiliated colleges of the university in accordance with the guidelines of UGC and KSHEC.

Clause 3 (xxx) and Clause 13 of the MGU-UGP (Honours) Regulations 2024, provide ample provision for Signature Courses. Accordingly, respective teachers of various colleges submitted Syllabi for various Signature Courses through the designated Web Portal for the same. The respective Expert Committees deliberated on the submitted proposals and recommended them for approval. **(Recommendations are attached as Annexure).**

Considering the urgency of the matter, sanction has been accorded by the Professor in charge the Vice Chancellor, exercising 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 (2) above, to approve the syllabi of the said courses.

Orders are issued accordingly.

SUDHA MENON J

ASSISTANT REGISTRAR III

(ACADEMIC)  
For REGISTRAR

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File No. 64343/AC A16-1/2025/AC A16

Forwarded / By Order

Section Officer

## ANNEXURE

| Sl. No. | Course Coordinator  | College                      | Semester/ Type of Course | Specialization if any | Course Code & Course Name   | Expert Committee | Recommended Date | Copyright held by        |
|---------|---------------------|------------------------------|--------------------------|-----------------------|---|------------------|------------------|--------------------------|
| 1       | Sri. Varun Jolly    | BCM College Kottayam         | 3, DSE                   | Genomics              | MG3DSEZGYA00<br>Biology of Genomes  | Zoology          | 28/06/2025       | BCM College, Kottayam    |
|         |                     |                              | 4, DSE                   |                       | MG4DSEZGYA00<br>Genome Technology   |                  |                  |                          |
|         |                     |                              | 5, DSE                   |                       | MG5DSEZGYA00<br>Clinical Genomics   |                  |                  |                          |
|         |                     |                              | 6, DSE                   |                       | MG6DSEZGYA00<br>Cancer Genomics and Precision Medicine                            |                  |                  |                          |
| 2       | Smt. Susan Thomas   | Marthoma College, Thiruvalla | 3, DSE                   | Ecological Sciences   | MG3DSEZGYA01<br>Fundamentals of Soil Ecology                                      | Zoology          | 28/06/2025       | MG university            |
|         |                     |                              | 4, DSE                   |                       | MG4DSEZGYA01<br>An Understanding of Riverine Ecology                              |                  |                  |                          |
|         |                     |                              | 5, DSE                   |                       | MG5DSEZGYA02<br>Advanced Ecological Concepts                                      |                  |                  |                          |
|         |                     |                              | 6, DSE                   |                       | MG6DSEZGYA02<br>Forest Science Conservation and Management                        |                  |                  |                          |
| 3       | Smt. Rima Joseph    | UC College, Aluva            | 5, DSE                   | -                     | MG5DSEZGYA01-<br>Introduction to Computational Biology and Biostatistical Methods | Zoology          | 28/06/2025       | UC College, Aluva        |
| 4       | Smt. Rima Joseph    | UC College, Aluva            | 6, DSE                   | -                     | MG6DSEZGYA01<br>Systems Biology, Drug Discovery Tools & Applied Biostatistics     | Zoology          | 28/06/2025       | UC College, Aluva        |
| 5       | Dr. Aneesh Kumar K. | RLV College of Music and     | 3, VAC                   | -                     | MG3VACMMDA00  | Music            | 30/06/2025       | RLV College of Music and |

|    |                        |  |        |                                 |   |           |            |  |
|----|------------------------|--|--------|---------------------------------|---|-----------|------------|--|
|    |                        | Fine Arts,<br>Thripunithura                                |        |                                 | Introduction to<br>Popular Concert Talas<br>and their Laya<br>Exercises                                       |           |            | Fine Arts,<br>Thripunithura                                |
| 6  | Dr. Aneesh<br>Kumar K. | RLV College<br>of Music and<br>Fine Arts,<br>Thripunithura | 4, VAC | -                               | MG4VACMMDA00<br>Major Laya Intricacies<br>of Popular Concert<br>Talas and Introduction<br>to Thani Avarthanam | Music     | 30/06/2025 | RLV College<br>of Music and<br>Fine Arts,<br>Thripunithura |
| 7  | Dr. Aneesh<br>Kumar K. | RLV College<br>of Music and<br>Fine Arts,<br>Thripunithura | 5, SEC | -                               | MG5SECMDA00<br>Jhampa Thala and its<br>Varieties  | Music     | 28/06/2025 | RLV College<br>of Music and<br>Fine Arts,<br>Thripunithura |
| 8  | Sri. Deepesh<br>Raj    | Mount Royal<br>College,<br>Suryanelli,<br>Idukki           | 3, VAC | -                               | MG3VACHBMA00<br>Essence of Service<br>Excellence  | Tourism   | 29/06/2025 | Mount Royal<br>College,<br>Suryanelli,<br>Idukki           |
| 9  | Dr. Shaji              | Marthoma<br>College,<br>Thiruvalla                         | 3, DSE | Nanochemistry<br>and Technology | MG3DSECHEA00<br>Fundamentals of<br>Nanochemistry  | Chemistry | 1/07/2025  | Marthoma<br>College,<br>Thiruvalla                         |
|    |                        |  | 4, DSE |                                 | MG4DSECHEA00<br>Characterization of<br>Nanomaterials  |           |            |  |
|    |                        |  | 5, DSE |                                 | MG5DSECHEA00<br>Applications of<br>Nanomaterials-I  |           |            |  |
|    |                        |  | 6, DSE |                                 | MG6DSECHEA00<br>Applications of<br>Nanomaterials-II   |           |            |  |
| 10 | Dr. Sini<br>Jacob      | Bishop<br>Abraham<br>Memorial<br>College,<br>Thuruthicaud  | 3, DSE | Forensic<br>Chemistry           | MG3DSECHEA01<br>Fundamentals of<br>Forensic Science   | Chemistry | 1/07/2025  | Bishop<br>Abraham<br>Memorial<br>College,<br>Thuruthicaud  |
|    |                        |  | 4, DSE |                                 | MG4DSECHEA01<br>Crime Scene<br>Investigation,<br>Management and<br>Reconstruction                             |           |            |  |
|    |                        |  | 5, DSE |                                 | MG5DSECHEA01<br>Forensic Chemistry  |           |            |  |
|    |                        |  | 6, DSE |                                 | MG6DSECHEA01<br>Advanced Forensic<br>Chemistry  |           |            |  |

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|----|----------------------------|-----------------------------|--------|--|--|-----------|------------|-----------------------------|
| 11 | Dr. Mamatha Susan Punnoose | BCM College Kottayam        | 3, DSE | Principles and Applications of Nanoscience | MG3DSECHEA02<br>Introduction to Nanomaterials                                  | Chemistry | 1/07/2025  | BCM College Kottayam        |
|    |                            |                             | 4, DSE |  | MG4DSECHEA02<br>Characterization Techniques for Nanomaterials                  |           |            |                             |
|    |                            |                             | 5, DSE |  | MG5DSECHEA02<br>Applications of Nanostructures in Nanomedicine and Agriculture |           |            |                             |
|    |                            |                             | 6, DSE |  | MG6DSECHEA02<br>Nanomaterials for Sustainable Energy                           |           |            |                             |
| 12 | Dr. Leji Latheef           | Al- Ameen College, Edathala | 3, DSE | Petrochemicals                             | MG3DSECHEA03<br>Production Operations  | Chemistry | 1/07/2025  | Al- Ameen College, Edathala |
|    |                            |                             | 4, DSE |  | MG4DSECHEA03<br>Manufacture of Petrochemicals I                                |           |            |                             |
|    |                            |                             | 5, DSE |  | MG5DSECHEA03<br>Manufacture of Petrochemicals II                               |           |            |                             |
|    |                            |                             | 6, DSE |  | MG6DSECHEA03<br>Petrochemical Industries in India                              |           |            |                             |
| 13 | Dr. Sanilkumar M G         | SNM College, Maliankara     | 3, DSE | Applied Botany                             | MG3DSEBOTA00<br>Applied Microbiology   | Botany    | 30/06/2025 | SNM College, Maliankara     |
|    |                            |                             | 4, DSE |  | MG4DSEBOTA00<br>Applied Phycology and Mycology                                 |           |            |                             |
|    |                            |                             | 5, DSE |  | MG5DSEBOTA00<br>Applied Horticulture and Entrepreneurship                      |           |            |                             |
|    |                            |                             | 6, DSE |  | MG6DSEBOTA00<br>Medicinal and Aromatic Plants in Applied Science               |           |            |                             |

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| 14 | Smt. Anjali Sreenivasan | Mount Royal College, Suryanelli, Idukki | 4, SEC | -                       | MG4SECHBMA00<br>Professional Communication in Business                         | Tourism     | 07/07/2025 | Mount Royal College, Suryanelli, Idukki |
| 15 | Dr Job Mathai           | St. Thomas College, Kozhenchery         | 3, DSE | Artificial Intelligence | MG3DSEMATA00<br>Introduction to Python Programming for Artificial Intelligence | Mathematics | 08/07/2025 | St. Thomas College, Kozhenchery         |
|    |                         |   | 4,DSE  |                         | MG4DSEMATA00<br>Introduction to Machine Learning                               |             |            |   |
|    |                         |   | 5, DSE |                         | MG5DSEMATA00<br>Supervised Machine Learning: Algorithms and Applications       |             |            |   |
|    |                         |   | 6, DSE |                         | MG6DSEMATA00<br>Unsupervised Learning in Artificial Intelligence               |             |            |   |
| 16 | Smt. Susan George       | St. Thomas College, Kozhenchery         | 5, SEC | -                       | MG5SECMATA00<br>Advanced Python for Mathematical Computing and Visualization   | Mathematics | 08/07/2025 | St. Thomas College, Kozhenchery         |