



MAHATMA GANDHI UNIVERSITY, KERALA

Abstract

Industrial Automation (Minor) - Modifications to the Course Outcomes, Course Content and pattern for Continuous Comprehensive Assessment - Approved - Orders Issued.

ACA 16

No. 354/ACA 16/2025/MGU

Priyadarsini Hills, Dated: 15.01.2025

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

2. Minutes of the meeting of the Expert Committee on Electronics (UG), held on 16.12.2024.

3. Orders of the Vice Chancellor under Section 10(17), Chapter III of the Mahatma Gandhi University Act 1985, dated. 09.01.2025.

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 Electronics (UG), discussed the need to modify the Course Outcomes, Course Content and pattern for Continuous Comprehensive Assessment (CCA) of the course **MG2DSCIAM101: Automotive Systems for E- Vehicles**, in the **Second Semester** syllabus of **Industrial Automation (Minor)** and has submitted recommendations vide paper read as (2) above.

(Recommendations are attached as annexure)

Considering the emergency, sanction has been accorded by 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, to approve the said recommendations.

Hence, the Course Outcomes, Course Content and pattern for Continuous Comprehensive Assessment (CCA) of the said course in the second semester syllabus of **Industrial Automation (Minor)** stands modified to this extent.

Orders are issued accordingly.

SHAJI K G

ASSISTANT REGISTRAR III
(ACADEMIC)
For REGISTRAR

Copy To

1. PS TO VC
2. PA to Registrar/CE
3. Convenor, Expert Committee, Electronics (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/OQPM1 Sections
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File No. 1346/AC A16-3/2025/AC A16

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Section Officer

Annexure

Semester- II

Course Name: Automotive Systems for E- Vehicles

Course Code: MG2DSCIAM101

COURSE OUTCOMES (CO)

CO No.	Expected Course Outcome(Modified)	Learning Domains	PO No.	Page No.
3	Develop knowledge about the fundamental systems in electric vehicles such as battery management, charging infrastructure, electric motor types, and electronic speed controllers.	No Change		9
4	Identify the practical aspects of automotive electrical and electronic systems such as power management, motor control, and sensor signal processing.			

COURSE CONTENT

Content for Classroom Transaction (Units)

Module	Units	Course Description	Hrs.	CO No (Modified)	Page no.
4		No Change		4	10

MODE OF ASSESSMENT

A. Continuous Comprehensive Assessment (CCA) (Modified)

1. Theory

Max.Marks: 25	Page No: 10
Internal Tests, Assignments	

2. Practical

Max.Marks: 15	Page No: 10,11
Exam, Viva, Performance, Case Study, Project (Use any 3 metrics for assessment)	