



MAHATMA GANDHI UNIVERSITY, KERALA

Abstract

Mobile Systems (Minor) - Fourth Semester - Modifications to the Course Content and Mode of Assessment - Approved - Orders Issued.

ACA 16

No. 11129/ACA 16/2025/MGU

Priyadarsini Hills, Dated: 25.11.2025

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).

3. Orders of the Professor in charge of the Vice Chancellor under Section 10(17), Chapter III of the Mahatma Gandhi University Act 1985, dated. 18.11.2025.

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 Content and Mode of Assessment of the course MG4DSCMOS200: Wireless Communication Technology, in the Fourth Semester syllabus of **Mobile Systems (Minor)** and has submitted recommendations vide paper read as (2) above.

(Recommendations are attached as Annexure)

Considering the urgency, sanction has been accorded by the Professor in charge of 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 Content and Mode of Assessment of the said course in the Fourth semester syllabus of **Mobile Systems (Minor)** 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: Wireless Communication Technology

Course Code : MG4DSCMOS200

COURSE CONTENT

Content for Classroom Transaction (Units)

Module	Units	Course Description (Modified)	Hrs	CO No.	Page No.
4		Practical: (Any 4) 1. Bluetooth (HC-05) interfacing with Arduino/ESP32 2. WiFi (ESP8266) interfacing with Arduino/ESP32 3. NFC (PN532) based card reader using Arduino/ESP32 4. GPS (NEO 6M GPS) based position tracking implemented using Arduino/ESP32 5. 5.4G (A7672S) network access using Arduino/ESP32	No Change		14
5		Teacher Specific Content			

MODE OF ASSESSMENT(Modified)

A.Continuous Comprehensive Assessment (CCA)

2.Practical		Page No 14
Total Marks: 15		
a. Lab: Test, quizzes, assignments - 9 Marks		
b. Performance – 3 Marks		
c. Case Study - 3 Marks		

B. End-Semester Evaluation (ESE)

1.Theory		Page No
Max.Marks: 50	Duration: 1.5 Hrs.	14

2.Practical		Page No 14
Total Marks: 35	Duration: 1.5 Hrs.	
a. Viva - 7 Marks		
b. Lab Report - 8 Marks		
c. Demonstration – 20 Marks		