



## MAHATMA GANDHI UNIVERSITY, KERALA

### Abstract

Bachelor of Science (Honours) Physics - Fourth Semester - Modifications to the Course Outcomes, Course Content and pattern for End Semester Evaluation - Approved - Orders Issued.

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### ACA 16

No. 1120/ACA 16/2026/MGU

Priyadarsini Hills, Dated: 03.02.2026

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- Read:-* 1. U.O. No. 5797/ACA16/2024/MGU, Dated. 27.06.2024.  
2. U.O. No. 10767/ACA 16/2025/MGU, Dated. 17.11.2025.  
3. Minutes of the meeting of the Expert Committee on Physics (UG).  
4. Orders of the Vice Chancellor under Section 10(17), Chapter III of the Mahatma Gandhi University Act 1985, dated. 02.02.2026.

### 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 Course Outcomes and Course Content for the Course MG4DSEPHY204: Material Characterization Techniques, and the Course Content for MG4DSCPHY202: Basic Electronics and Electricity, have been modified, as per the University Order vide paper read as (2) above.

The Expert Committee on Physics (UG), discussed the need to modify the Course Outcomes and Course Content of **MG4DSEPHY204: Material Characterization Techniques**, Course Content and pattern for the End Semester Evaluation (Practical) of **MG4DSCPHY202: Basic Electronics and Electricity**, in the **Fourth semester** syllabus of Bachelor of Science (Honours) Physics programme and has submitted recommendations, vide paper read as (3) 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 (4), has approved the above recommendations.

Hence, the Course Outcomes, Course Content and pattern for End Semester Evaluation (Practical) of the said courses in the Fourth Semester syllabus of the Bachelor of Science (Honours) Physics programme, as per the University Order vide paper read as (2) above, 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, Physics (UG)
4. JR 2 (Admin)/ DR 2, AR 3 (Academic)
5. JR/DR/AR (Exam)
6. Tabulation/Academic Sections concerned
7. IT Cell 3 / OQPM - 1 Sections
8. AC C 1/ AC C 2 Sections
9. P.R.O. /IQAC /Records Sections.
10. Stock File/File Copy

File No: 8642/ACA16-2/2026/ACA 16

Forwarded / By Order

Section Officer

## ANNEXURE

### SEMESTER 4

**Course Code: MG4DSEPHY204**

**Course Name: Material Characterization Techniques**

#### **COURSE OUTCOMES (CO)**

CO No.	Expected Course Outcome (Modified)	Learning Domains	PO No.	Page No.
1	No Change	No Change	No Change	132, 133
2				
3				
4				
5	Analyse the results obtained from the different material characterisation Techniques.			
6	Removed			
7				

#### **COURSE CONTENT**

##### **Content for Classroom Transaction (Units)**

Module	Units	Course Description (Modified)	Hr s	CO No. (Modified)	Page No.
1	No Change		No Change	No Change	133, 134, 135
	1.1	No Change			
	1.2				
	1.3				
	1.4				
	1.5				

2	No Change		No Change	No Change	133, 134, 135	
	2.1	No Change				3
	2.2					3
	2.3			No Change		
	2.4			4		
3	Thermal Analysis			No Change		4
	3.1	No Change		4		
	3.2			4		
	3.3			4		
4	No Change			5		
	4.1	No Change				
	4.2					
	4.3					
	4.4					
	4.5					
	4.6					
	4.7					
	4.8					
	4.9					
	4.10					
5	Teacher Specific Content					

**Course Code: MG4DSCPHY202**

**Course Name: Basic Electronics and Electricity**

## **COURSE CONTENT**

**Content for Classroom Transaction (Units)**

Module	Units	Course Description	Hr s	CO No. (Modified)	Page No.
1	No Change		No Change	No Change	151,152,153
	1.1	No Change			
	1.2				
	1.3				

	1.4	No Change	No Change	1	151, 152 , 153	
	1.5					
2	No Change					
	2.1	No Change				
	2.2					
	2.3					
	2.4					
3	No Change					
	3.1	No Change				
	3.2					
	3.3					
4	No Change					
5	Teacher Specific Content					

### **MODE OF ASSESSMENT**

B. End Semester Evaluation	Page No.
<b>Practical Examination (Modified)</b>	154
<b>MAX.MARKS: 35</b> <b>Duration: 2 Hrs</b>	
<ul style="list-style-type: none"> <li>• <b>Lab Exam : 30 Marks</b></li> <li>• <b>Record : 5 Marks</b></li> </ul>	