

(Abstract)

MSc Physics (Advanced Materials) Programme implemented in the University Teaching Department- Corrected Scheme Part for 2021 admission - Approved & Implemented- Orders issued.

ACADEMIC C SECTION

Acad/C4/12614/2020

Dated: 07.08.2023

- Read:-1. UO of even number dated 06/12/2022.
2. Email dated 14/06/2023 from HoD, Dept of Physics, SAT Campus, Payyanur.

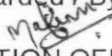
ORDER

1. As per paper read (1) above, Scheme & Syllabus of M.Sc Physics (Advanced Materials) Programme was implemented in the Dept. of Physics, Swami Ananthatheertha Campus of Kannur University w.e.f 2021 admission.
2. As per paper read (2) above, the HoD, Dept of Physics pointed out some typographical errors occurred in the Scheme part of the approved syllabus and forwarded the corrected Scheme Part incorporating the corrections as detailed below. Total credits for the Programme remains 80.
 - Total Credits for the III Semester is corrected **from 21 to 24.**
 - Total Credits for the IV Semester is changed **from 19 to 16**
3. The Vice-Chancellor, after considering the matter in detail, and exercising the powers of the Academic Council, as per Section 11 (1), Chapter III of Kannur University Act, 1996, **approved the correction of the typographical errors as suggested by the HoD, Dept of Physics in the scheme part of the approved Syllabus of M.Sc Physics (Advanced Materials) Programme implemented in the University Teaching Dept w.e.f 2021 admission and to implement the corrected Scheme part for. 2021 admission, subject to report to Academic Council.**
4. The corrected scheme part of the Syllabus of M.Sc Physics (Advanced Materials) Programme implemented in the University Teaching Dept for 2021 admission is uploaded in the University web site.(www.kannuruniversity.ac.in).
5. The U.O. read as paper (1) above stands modified to this extent.
6. Orders are issued accordingly

Sd/-
Narayanadas K
DEPUTY REGISTRAR (ACAD)
For REGISTRAR

To: HoD, Dept of Physics, SAT Campus, Payyanur

- Copy To: 1.The Examination Branch, (Through PA to CE)
2. EP IV / EXC!
3. The Web Manager (to upload on the website)/Computer Programmer
4. PS to VC/PA to PVC/PA to Registrar/PA to CE
5. DR/AR-I (Academic).
5. SF/DF/FC

Forwarded ✓ By Order

SECTION OFFICER

MSc Physics (Advanced Materials) - THE MARKS AND CREDITS FOR VARIOUS COURSES

Course Code	Title of the Course	Contact Hours/Week			Marks			Credits
		L	T/S	P	CE	ESE	Total	
Semester I								
MSPHY01C01	Mathematical Physics I	4	1	-	40	60	100	4
MSPHY01C02	Classical Mechanics	4	1	-	40	60	100	4
MSPHY01C03	Solid State Physics	4	1	-	40	60	100	4
MSPHY01C04	Electronics	4	1	-	40	60	100	4
MSPHY01C05	Practical I – Electronics and Computer Programming	-	-	12	40	60	100	4
Total for Semester I					200	300	500	20
Semester II								
MSPHY02C06	Mathematical Physics II	4	1	-	40	60	100	4
MSPHY02C07	Quantum Mechanics I	4	1	-	40	60	100	4
MSPHY02C08	Nuclear Physics	4	1	-	40	60	100	4
MSPHY02C09	Classical Electrodynamics	4	1	-	40	60	100	4
MSPHY02C10	Practical II – General Physics	-	-	12	40	60	100	4
Total for Semester II					200	300	500	20

Semester III								
MSPHY0 3C11	Quantum MechanicsII	4	1	-	40	60	100	4
MSPHY0 3E01	Atomic and Molecular Spectroscopy	4	1	-	40	60	100	4
MSPHY0 3E02	Modern Optics	2		-	40	60	100	4
MSPHY0 3E03	Semiconducting Materials and Devices	4	1	-	40	60	100	4
MSPHY0 3C12	Practical III – Modern Physics	-	-	12	40	60	100	4
MSPHY0 3O01	Open Course	4	1	-	40	60	100	4
Total for Semester III					300	300	600	24
Semester IV								
MSPHY0 4C13	Statistical Mechanics	4	1	-	40	60	100	4
MSPHY0 4E04	Particle and Astrophysics	4	1	-	40	60	100	4
MSPHY0 4E05	Thin Film Technology	4	1	-	40	60	100	4
MSPHY0 4C14	Study Tour Report	-	-	-	100	-	100	1
MSPHY0 4C15	Project	-	-	10	-	100	100	3
Total for Semester IV					160	340	500	16

Grand Total	860	1240	2100	80
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Note: - PHY-Physics, C-Core Course, E-Elective Course, L-Lecture, T-Tutorial, S-Seminar and P-Practical

OPEN COURSE

Course Code	Title of the Course	Contact Hours/Week			Marks			Credits
		L	T/S	P	CE	ESE	Total	
Semester IV								
MSPHY03 O01	Energy Physics	4	-	-	40	60	100	4

Note: - PHY-Physics, O-Open Course, L-Lecture, T-Tutorial, S-Seminar and P-Practical