Board of Studies - M.G. Physis-To discuss the syllabus to be followed from the academic year 2018-2019 onwards Members Bresen DNV. K. RABI AHAMED. 4) Dr -S - JEYAKUMARI 8) MS.M. IRFANA AMRIN. It is resolved 1) to follow the CRCS new pattern introduced by the Unive Grants Commission from the academic year 2018-19 with the following Course structure: DSC-12, DSC DSCP-6, DSfp-2 and SEC-4 2) to make changes in the proposed Sylation the follow Courses. Addition and deletion is prefixed by Dand C respectively. Tith changes reamangements and worky introduced Courses are prefixed by o. Discipline Specific Core (Drc): i) Sementer I DSCI: Thermalphysics:

Dunt IV: Low temperature physics (F) Thermodynamics:

ii) Sementer II DSCI: physical optics & Spectroscopy

Dunt iv: Principles and types of borer unit I Applie

of Levers (P) unit iv Mirrowave Spectroscopy is Semester up DSC 5: Electricity Stetomagnotion and O Anderson dridge in cenit in @ p Coulombi law - She

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approved K-RASI AHAMED) Charmen PRINCIPAL
SADAKATHULLAH APPA COLLEGE
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Annexure - I

Department of Physics (UG)

The Board of Studies of Department of Physics (UG) was held on 5.2.2018 for the approval of 2018-2021 syllabus. The number of new courses, courses focusing on Skill Development / Employability / Entrepreneurship, the percentage of revision are mentioned below.

New Courses introduced

S. No.	Title of the Course	Course Code
1	Radiation Safety	18UEPH3B
2	Laser and its application	18UCPH41
3	Mathematical Physics	18UEPH4B
4	Applied Physics	18UNPH41
5	Microprocessor and Programming	18UEPH5B
6	Solid State Physics	18UCPH62

Courses focused on Skill Development /Employability / Entrepreneurship

S. No.	Title of the Course	Course Code	Category
1.	Physics Practical – I	18UCPH1P1	Skill Development
2.	Physics Practical – II	18UCPH2P1	Skill Development
3.	Physics Practical – III	18UCPH3P1	Skill Development
4.	Physics Practical – IV	18UCPH4P1	Skill Development
5.	Physics Practical - V	18UCPH5P1	Skill Development
6.	Physics Practical VI	18UCPH5P2	Skill Development
7.	Physics Practical VII	18UCPH6P1	Skill Development
8.	Physics Practical VIII	18UCPH6P2	Skill Development
9.	Allied Physics Practical – I	18UAPH3P1	Skill Development
10.	Allied Physics Practical – II	18UAPH4P1	Skill Development
11.	Laser and its Applications	18UCPH41	Employability
12.	Medical Physics	18USPH51	Employability
13.	Project	18UCPH63	Entrepreneurship

Percentage of Revision

S. No.	Courses	Course Code	Percentage %
1.	Thermal Physics	18UCPH11	25%
2.	Physics Practical – I	18UCPH1P1	25%
3.	Physical Optics and Spectroscopy	18UCPH21	30%
4	Mechanics and Astrophysics	18UCPH22	5%
5.	Physics Practical – II	18UCPH2P1	25%

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6	Electricity, Electromagnetism and Electromagnetic theory	18UCPH31	40%
7	Physics Practical – III	18UCPH3P1	25%
8.	Introduction to Computers	18UEPH3A	25%
9.	Radiation safety	18UEPH3B	100%
10	Laser Physics	18UNPH31	100%
11.	Laser and its Application	18UCPH41	100%
12	Physics Practical – IV	18UCPH4P1	25%
13	Programming in C++	18UEPH4A	10%
14	Mathematical Physics	18UEPH4B	100%
15	Allied Physics – II	18UAPH41	20%
16.	Allied Physics Practical – II	18UAPH4P1	25%
17.	Applied Physics	18UNPH41	100%
18.	Modern Physics	18UCPH51	40%
19.	Basic Electronics	18UCPH52	20%
20	Digital Electronics	18UCPH53	10%
21	Physics Practical V	18UCPH5P1	25%
22.	Physics Practical VI	18UCPH5P2	25%
23.	Introduction to Nanotechnology	18UEPH5A	5%
24	Microprocessor and programming	18UEPH5B	100%
25	Medical Physics	18USPH51	50%
26.	Quantum Mechanics and Statistical Mechanics	18UCPH61	20%
27	Solid State Physics	18UCPH62	100%
28.	Physics Practical – VII	18UCPH6P1	25%
29	Physics Practical – VIII	18UCPH6P2	25%
30.	Energy Physics	18USPH61	50%

Total Percentage of Revision: 35.14%

Total number of Courses: 35

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