

Board of studies : 15.03.2019

Undergraduate : 10.30 am

Postgraduate : 12.30 Noon.

Meeting of Board of studies:

UG and PG Physics:

Add on course (UGC Sponsored

Career Oriented Programmes)

(i) Information and communication Technology

(ii) Biomedical Instrumentation

Agenda

- \* Revision of Syllabi for UG + PG Physics and Add on courses for the Academic year 2019-2020 and Awards.
- \* The panel of Examiners for QPS, Practical Examination and paper valuation.
- \* Any other matter.

Minutes of the Meeting:

Members Present:

Internal Members:

Ms. F. Shahida Shireen : Chairman.

Dr. P. Anitha

Dr. M. Yogeswari

Dr. C. Deepa

Ms. R. Bhuvaneshwari

Dr. N. Dharmamoorthi

Ms. P. Sridevi

Dr. A.P. Sudha

Ms. A. Jegadeeswari

Ms. K. Sujatha

### External Members.

Dr. D. Nataraj : University Nominee

Dr. Hareesh. M. Pandya : Subject Expert.

Dr. M. Senthilvelan : Subject Expert

Dr. N. Sureshkumar : Subject Expert.

Dr. N. Priyadarsini : Alumni.

Mr. P. Vasudevan : Industrialist.

### For Undergraduate Physics Programme

\* Resolved to revise and adopt the syllabi for core and Allied theory papers and practicals in Outcome Based education patterns for II. B.Sc.,  
Students from 2019-20 and onwards.

Study component	Subject code.	Title of the paper	Semester
Core	18PHUC305	Optics and Spectroscopy.	III
	18PHUC406	Digital Electronics	IV
	18PHUCP09	Core Practical II	III + IV
Allied	18PHUA301	Allied Physics Paper - I	III
	18PHUA422	Allied Physics Paper - II	IV
	18PHUAP01	Allied Practical	III + IV

\* Resolved to change and adopt the new syllabi of skill based subject for III B.Sc. Physics students from 2019-2020 and onwards.

S.No	Subject code	Title of the paper	Semester
1	17PHUS604	Medical Physics	VI

\* Resolved to change and adopt self-learning papers applicable to I, II + III year students.

S.No	Subject code	Title of the paper	Semester
1	19PHUSL01	Health Physics (optional)	-

\* Resolved to revise and adopt the new syllabi for Add-on course - Information and Communication Technology (UGC Sponsored Career Oriented Programme).

S.No	Subject code	Title of the paper	Semester
1	19AIC21	Basic Telecommunication Systems	I + II

and the same has been approved in the Board of Studies for the students from the academic year 2019-2020 and onwards.

It is suggested to have more choices in the cafeteria system (SBS). The recommend papers are

- (1) Astronomy and Astrophysics
- (2) History of Physics.
- (3) Physics Coding.
- (4) ~~Atm~~ Weather Physics.



## For Postgraduate Physics Programme:

Resolved to revamp the syllabi for Core, Elective and core practicals in Outcome based Education for II M.Sc students from 2019-2020 and onwards.

Study Component	Subject code	Title of the paper	Semester
Core	18PHPC308	Condensed Matter Physics	III
	18PHPC309	Electromagnetic fields & Waves	III
	18PHPCP03	Core Practical III - Advanced Experiments	III & IV
	18PHPCP04	Core Practical IV - Special Electronics	III & IV
	18PHPC410	Nuclear and Particle Physics	IV
	18PHPC411	Molecular Spectroscopy	IV
	Elective	18PHPE301	Introductory Astronomy, Astrophysics & Cosmology
18PHPE402		Thermodynamics and Statistical Mechanics	III & IV
Project	18PHPC4PV	Project and Viva Voce	IV

Resolved to revamp the syllabus for Nuclear and Particle Physics (18PHPC410).

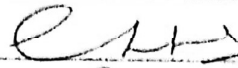
Resolved to approve the existing syllabi for the I M.Sc students from the Academic Year 2019-2020 and onwards.

It is suggested to increase the number of Practicals to twelve in Core Practical III - Advanced Experiments (18PHPCP03).

It is also suggested to include Basics of field theory in the <sup>NU</sup> Elementary particles (̄ unit) in core paper - Nuclear and Particle Physics (IBPHPC410).

Signature:

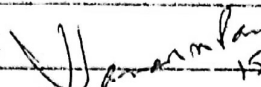
1. Dr. D. Nataraj

  
15/03/19

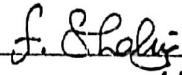
2. P. VASUDEVAN

  
15/3/19


3. Dr. HARESH M PANDEY

  
15/3/19


4. Ms. F. Shahida Shireen

  
15.03.19


5. Dr. P. Anitha

  
15/3/19

6. Dr. M. Yogeswari

  
15/3/19

7. Dr. C. Deepa.

  
15/03/2019

8. Ms. R. Bhuraneswari.

  
15/3/19

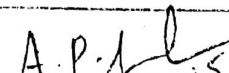
9. Dr. N. Dhachanamoorthi

  
15/3/19

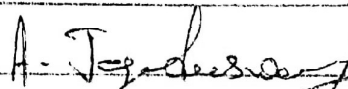
10. Ms. P. Sridevi.

  
15/3/19


11. Dr. A.P. Sudha.

  
15/3/19

12. Ms. A. Jegadeeswari

  
15/3/19

13. Ms. K. Sujatha

  
15/3/19

14.

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