

Sl. No.	Members	Signature
7.	Dr. V. Sathyabama	
8.	Ms. K. V. Jayasree	Jayasree K
9.	Dr. T. E. Manjula Valli	T E M
10.	Ms. N. Revathi.	N. Revathi 24.2.18
11.	Dr. M. Karthika	M K
12.	Ms. S. Shammugapriya	S. Shammugapriya 24/2/18
13.	Dr. A. Suresh Kumar	A. Suresh Kumar 24/2/18
14.	Ms. M. Sangeetha	
15.	Ms. S. Yogeswari.	S. Yogeswari 24/02/18
16.	Mr. T. Ponraj	
17.	Mr. A. G. Kannan	A. G. Kannan 24/02/18

24.02.2018.

## Minutes

The Meeting of Board of Studies in Physics was held on 24/2/18. The Complete Syllabus for UG and PG Physics Courses for the Students admitted from 2018-19 batch were reviewed and the necessary modifications were suggested and recorded.

### Suggestions:

1. Not to prescribe more than one textbook for an unit. Ret.

2. Order of the <sup>Paper</sup> in PG level to be changed as follows.

#### I Semester

1. Mathematical Physics
2. Classical and Non-linear dynamics
3. Statistical Mechanics

HEV 4. Applied Electronics

#### E1 II Semester

- 4 5. Quantum Mechanics - 1
- 5 6. EMT and Plasma Mechanics
- 6 7. Laser and Non linear Optics
- 7 8. Electronic Communication and Cyber Security

#### III Semester & General Phys Lab-1 & E. Lab-1

- 10 9. Quantum Mechanics - 2
- 11 10. Molecular Spectroscopy
- 11 11. Microprocessor and oop with C++.

#### IV Semester

12. Condensed Matter Physics
13. Nuclear and Particle Physics
14. Thin film and Nano Science.

3. In paper A (First Semester) Applied Electronics

should have contents taken from current IYPPS1E1 (Electronics) and IYPPS3E2 (Opto Electronics).

4. In Fourth paper IV (Fourth Semester) Thin film and Nano Science should contain

Unit 1. Basic Principles of Thin film

Unit 2. Characterization Techniques

Unit 3, 4, 5. Nano Science

5. In paper I (First Semester) Mathematical Physics problems should be included in topic Cauchy residue theorem and integral formula of Unit - II

6. In paper II (Second Semester) Microprocessor and C++, instead of C++ topic, Mathematica / Matlab may be included both in theory and practical in future [ Lab Practical IYPPS416].

7. Industrial oriented syllabus is preferred. Topic related to such fields are expected to add for CG & PG

8. Skill based elective to be made more practical, applicable to life oriented activities.






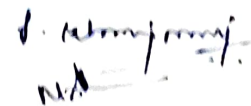

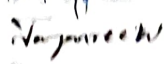



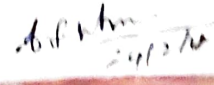
9. Books Suggested for new topics and Mechanical measurements / Environmental instrumentation is conducted as online courses (Skill based elective) for the interested students.



- 9.1 Nano Science - Atoms to Transistor  
Sopna Datta
- 2. Electronics - Semiconductor devices  
S.M. Sze
- 3. Thin film - Fundamentals of Surface and Thin film Technology  
Feldmann and Jamey W. Mayer

10. Suggestion from Alumni

- 1. PG Syllabus may be enriched to the level of UGC-CSIR/NET  
- Sivaraj (Scholar)
- 2. Include Problem Solving Questions  
- Somasundaram (Scholar)
- 3. Include weightage to Nano Science  
- Abhilash (CPDFellow)

- 1. Dr. D. NATARAJ  24/02/18 
- 2. Dr. P. SUNDARSON  24/2/18
- 3. Dr. A. PALLAVAN  24/2/2018
- 4. Dr. B. KAVITHA  24/2/18
- 5. S. KARANJAN  24/2/18
- 6. M. KARUNIA  24/2/18
- 7. Jayaraman KV  24/2/18
- 8. N. Parthi  24/2/18
- 9.  24/02/18
- 10.  24/2/18
- 11.  24/2/18

Dr. D. NATARAJ

The meeting was conducted with more inclusiveness.

Dr. B. SUNDARESAN.

Points of appreciation.

1. Department Coordination is laudable.
2. Active participation in the meeting shows their involvement and dedication.
3. Syllabi has been framed with maximum effort.

Dr. A. Anulsameer.

The meeting was conducted very nicely, and the Alumni participation was appreciable.

Dr. B. Sundaresan & Dr. A. Anulsameer.

CDC may prepare a common Credits/marks Scheme at the college level so that interdepartment issues in achieving the exam Credits/marks will be solved easily.

Dr. B. Sundaresan  
24/2/18

Dr. A. Anulsameer  
24/2/2018