

Minutes of the Board of Studies in Physics 2015-2016

SACRED HEART COLLEGE KOCHI

MINUTES OF BOARD OF STUDIES MEETING

HELD ON OCTOBER 17, 2015 AT 02:00 PM

A meeting was held at the Department of Physics, SH college, Thevara by the members of BOS on October 17, 2015 at 02:00 pm and the following members attended the same.

1. Prof. (Dr.) N.V. Unnikrishnan
2. Dr. Jeechan Joseph
3. Dr. Pramod Gopinath
4. Dr. Isan V Vanchipurackal
5. Mr. Kuruville George
6. Dr. Georgekutty Joseph
7. Prof V. M. George
8. Dr. Siby Mathew
9. Prof. Alex Shivan Scaria
10. Dr. Roby cherigan
11. Dr. Jimmy Sebastian
12. Dr. Sumod. S.G
13. Dr. Mathew George

[Handwritten signatures and initials corresponding to the list members]

The main agenda was to discuss the PG- Syllabus revision. The important conclusions reached after ~~the~~ thorough discussion are listed below.

- (1) The viva can be split up ^{to} at each Semester, so that final combined viva can be avoided.
- (2) Viva can be conducted internally during the Odd Semesters and external viva can be limited only during the even Semesters, along with the external (end-semester) practical examination.

(3) It was suggested to avoid or reduce the component of attendance in the internal marks evaluation.

(4) One module in any one of the papers in each semester should be removed. The workload in the theory hours must be adjusted in the Practicals.

(5) In 'Classical Mechanics' paper, modify the unit IV, i.e., 'General theory of Relativity'.

(6) Modify the text book of 'R.K. Pathria' to some other popular book like 'Nashukar'.

(7) In 'Electrodynamics' paper Unit IV can be modified. Some sections can be added with the 'Instrumentation and Communicative Electronics'.

(8) Remove the text book of K.D. Prasad, which is not available now.

(9) The Reference book of 'Kennedy and Davis' can ^{update} be the text book.

(10) Remove one module either in 'Electronics' or in 'Electrodynamics'.

(11) In Electronics ^{either} FET or Analog Communication or both can be removed completely, so that continuity will not be affected.

paper can be increased from 12 to 15.

(3) In the 'Thermodynamics and Statistical Mechanics', remove one module.

(4) ~~Change~~ Modify some sections of phase transition ~~without~~ losing the continuity.

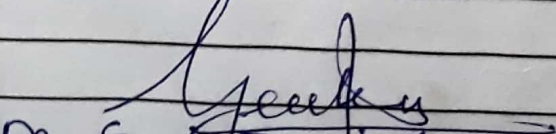
(5) Text book of SK Sinha can also be included in the list of Text book.

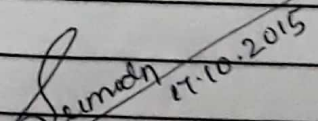
(6) In the paper 'Microelectronics and Semiconductor devices' Unit I and Unit II can be ~~removed~~, as 8085 and 8086 are being included in the B.Sc syllabus. Instead, one unit with LEDs and Quantum dots etc. from other papers can be combined and included.

(7) In Semester IV, modify some sections of CW Spectrometers, in Atomic and Molecule Spectroscopy.

(8) In Nuclear physics, improve the sections of Particle physics.

(9) In addition to the above suggestions, modification can also be done ~~with~~ after discussing with Subject experts. However it must be discussed thoroughly in the Department-level meetings and finally must be approved by the members of BOS.




17.10.2015