

## DEPARTMENT OF PHYSICS

### SACRED HEART COLLEGE, THEVARA (AUTONOMOUS)

#### Minutes of Board of Studies Meeting Held on 01 November, 2014

A meeting was held at the Department of Physics, SH College, Thevara by the members of Board of Studies on 01 November, 2014. The meeting started at 10:15 am and the following members attended the same.

1. Prof. M V Unnikrishnan (M G University)
2. Dr. Joechan Joseph (S A College, Edathua)
3. Dr. Pramod Gopinath (IIST, TVM)
4. Dr. Ison V Vanchipurackal (St. Thomas College, Pala)
5. Mr. Kuruvilla George (Industrialist, Ernakulam)
6. Prof. George Philip – HoD
7. Dr. Georgekutty Joseph (Chairman)
8. Dr. Siby Mathew
9. Prof. George V M
10. Prof. Alex Shinu Scaria
11. Dr. Roby Cherian
12. Dr. Nijo Varghese
13. Dr. Jimmy Sebastian
14. Dr. Sumod S. G. (Secretary)

The following agenda were discussed in detail and approved by all the members of Board of Studies,

- i. Approved the panel of examiners for both UG and PG programmes and the courses which underwent major changes such as: **Classical and Quantum Mechanics, Digital Electronics, Condensed Matter Physics, Relativity and Spectroscopy, Optoelectronics.**
- ii. Modified the components in the distribution of marks in continuous Internal Evaluation Scheme.
- iii. The two conventional assignments in the present scenario will be modified with one assignment as open book /open library tests. The other one will still remain as such but focused only on solving physics problems which will be different for different students.
- iv. Modified and approved the question paper pattern for PG in such a way as to help the students to win many competitive exams such as GATE/NET/JEST etc.




- v. Proposed for a new M.Phil course in Physics was discussed and approved. The syllabus scheme and other activities such as making MoUs with the other research labs/Universities etc. were discussed in detail. A committee was selected from Board of Studies with Dr. Georgekutty Joseph as the chairman and Dr. Sumod S G as the coordinator.
- vi. Separate committees were formed for both UG and PG programmes for making modifications in the existing scheme/syllabus if any with Prof. George Philip and Prof. Dr. N V Unnikrishnan as the respective chairpersons.
- vii. The BoS decided to go for CBCSS system for UG and elective system for PG.
- viii. Skill Development was introduced in the curriculum as a separate component for both UG and PG programmes. This will promote the students to come out with originality of thoughts/creativity and ability of making independent decisions. As an initial step for the UG students the revival of Hometech Programmes along with introducing hobbies like amateur radio was suggested.
- ix. Decided to promote the students to use tools in the advanced technology in the field of science such as introducing new software packages such as Origin, Matlab etc. during lab activities, thereby enhancing entrepreneurial as well as employability skills.
- x. Inculcate the importance of gender equality, environment and sustainability, human values and professional ethics into the curriculum.
- xi. Topics related to Environment Science must be inculcated into the syllabus for the UG programme.
- xii. Identified conveners to conduct the international seminars, Refresher course etc. (Academy of Science) at our Department.
- xiii. Decided to promote UG level students to design new instruments, use virtual labs, Phenix etc.
- xiv. After making necessary decisions, a common mail will be circulated among the members of BoS.

The meeting came to an end at 01:15 pm

  
Chairman

Board of Studies

  
Dr. Johnson X Palackappillil  
Principal  
Sacred Heart College (Autonomous)  
Thevara, Kochi-682 013