



POST GRADUATE DEPARTMENT OF PHYSICS UNIVERSITY OF KASHMIR, SRINAGAR - 190 006

Minutes of the Board of Under-graduate Studies in Physics (BOUGS) held on November 10, 2012

The minutes of Board of under-graduate studies held on November 10, 2012 in the seminar room / departmental library of the Physics Department. The meeting was presided over by the Chairman & Head of the Department, Professor S. Javid Ahmad. The following members were present:

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| 1. Professor S. Javid Ahmad
Head, Department of Physics, K.U | Chairman & Convenor |
| 2. Professor Nisar Ahmad Shah
Head, Department of Electronics K.U | Board Member |
| 3. Dr. Gowhar Bashir Vakil
Associate Professor
Department of Physics, K.U | Member |
| 4. Dr. Basharat Ahmad Want
Associate Professor
Department of Physics, K.U | Member |
| 5. Mr. Khurshid Ahmad Khan
Head, Department of Physics
S.P.College, Srinagar | Member |
| 6. Mr. Showkat Ahmad Monga
Head, Department of Physics
Women's College, Baramulla | Member |
| 7. Mr. Miraij-ud-din Shah
Department of Physics
Govt. College for Boys, Anantnag | Member |
| 8. Mohd. Sultan
Nominated by the Chairman
J & K Board of School Education | Member |

Special Invitees

1. Dr. Manzoor Ahmad Malik
Associate professor
Department of Physics, K.U
2. Dr. Altaf Ahmad
S.P.College, Srinagar
3. Head, Department of Physics
Amarsingh College, Srinagar
4. Head, Department of Physics
Govt. Degree College, Bemina
5. Head, Department of Physics
Govt. Degree College, Nawa Kadal

6. Head, Department of Physics
Islamia College, Science & Commerce, Srinagar
7. Head, Department of Physics
Govt. Degree College, Pattan

The meeting began with a warm welcome address by Prof. S. Javid, who apprised the committee members and special invitees about the decision of the University Council regarding the introduction of a single paper scheme at UG level from academic session 2013 onwards. The Chairman impressed upon the committee to redesign the undergraduate course, presently in vogue, into a single paper scheme. After threadbare discussions, the committee felt the need of redesigning the presently prescribed course based on some standard text books for undergraduate courses without major modifications in the course contents. It was unanimously decided that the first year undergraduate Physics course will be based on the following text books:

BG I

- a) Mechanics, Berkely Physics course 2nd edition
- b) Introduction to Electrodynamics by Griffiths
- c) Special theory of Relativity, Robert Rusnik

As far as the BG II and BG III course are concerned they were redesigned into a single paper comprising of five units each. The books that were recommended by the Board members for IInd and IIIrd year are as under:

BG II

- 1) Fundamentals of Statistical & Thermal Physics by F.Reif
- 2) Thermal Physics by Garg, Bansal & Gosh
- 3) Optics by A.K. Ghatak
- 4) Fundamentals of optics by Jenkins & White

BG III

1. Modern Physics by Arthur Beiser
2. Elementary Solid State Physics by A.Omar
3. Integrated Electronics by Millman & Halkins

There was a general consensus at the end that teachers should follow the prescribed text books and it was agreed that 25% questions in the final examination should be based on the problems given in the prescribed text books.

Finally the Chairman thanked the Board members and the special invitees for their active participation and for useful suggestions.

(Professor S. Javid Ahmad)
Head of the Department



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UNIVERSITY OF KASHMIR, SRINAGAR - 190 006**

***Assistant Registrar (Academics)
University of Kashmir,
Srinagar***

Dear Sir,

A meeting of Board of Under-graduate (BOUGS) in Physics was held on **November 10, 2012 at 11 a.m.** in the seminar room / departmental library of the Physics Department to discuss the merging of undergraduate course into a single for academic session 2013 onwards. The members of the Board of under-graduate studies and special invitees unanimously resolved and recommended the courses after it was thoroughly discussed in the meeting.

We are enclosing herewith two copies of the syllabus for **B.Sc I, II & III year Physics** for the academic session 2013 onwards for necessary action.

***No: F.1(Meeting-BOUGS)PHY
Dated: December13, 2012***

***(Professor S. Javid Ahmad)
Head of the Department***