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:

1. Professor S. Javid Ahmad  
   Head, Department of Physics, K.U  
   Chairman & Convener

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. Miraaj-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
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 comprissing 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. Ghatax  
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 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*
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*