

Dated: 27-06-2018

Minutes of the Meeting of Board of Studies (BOS) of Undergraduate

A meeting of the Board of Studies (BOS) of Undergraduate was held on 27-06-2018 at 11:00 a.m. in the Chairman Room No.106 to finalize and approve the syllabi for B.Sc. Physical Science (Physics, Chemistry and Mathematics) and B.Sc. with Physics Annual System to be implemented in the Colleges affiliated to H.P. University, Shimla, w.e.f. session 2018-2019 under Choice Based Credit System (CBCS).

Following members attended the meeting:

1. Prof. Manoj Kumar Sharma, **External Expert** BOS (UG), School of Physics & Material Science, Thapar University, Patiyala, Punjab-147004
2. Ms. Neena Vasudeva, **Secretary**, BOS (UG), Principal, Govt. Degree College Jhandutta, District Bilaspur, H.P.
3. Dr. Raman Kumar, **Member** BOS (UG), Principal, Govt. Degree College Rakkar, District Kangra, H.P.
4. Dr. Satinder Kumar, **Member** BOS (UG), Principal, Govt. Degree College Naudan, District Kangra, H.P. *(Absent) N. Singh*
5. Dr. Sapana Sharma, **Specially Invitee**, Associate Professor, Department of Physics, St. Bede's College, Shimla-2, H.P.
6. Dr. Mast Ram, **Specially Invitee**, Associate Professor, Department of Physics, Rajiv Gandhi Govt. College, Chaura Maidan, Shimla-4, H.P.
7. Dr. Balbir S. Patial, **Specially Invitee**, State Project Officer, State Project Directorate, Rashtriya Uchchatar Shiksha Abhiyan (RUSA), Directorate of Higher Education, Shimla, (H.P.) 171001 INDIA
8. Mr. Anuj Sharma, **Specially Invitee**, Assistant Professor, Department of Physics, RKMV, Shimla-1, H.P.
9. Prof. N.S. Negi, **Chairman and Convener**, BOS (UG), Department of Physics, H.P. University, Shimla-5.

At the outset, Chairman, Department of Physics welcomed the members of BOS (UG) and presented agenda of the meeting. The Chairman explained the member about need of revising the existing syllabi for B.Sc. Physical Science (Physics, Chemistry and Mathematics) and B.Sc. with Physics courses under semester system. He informed the members about a meeting of Deans of the faculties and Chairperson/Directors of the Departments/Institute held on 13.06.2018 under the Chairpersonship of the Hon'ble Vice-Chancellor in which the Hon'ble Vice-Chancellor apprised the members about the decision of the Government and meeting with Hon'ble Education Minister for the introduction of annual system at undergraduate level. The Chairman informed the members

the various decisions taken in the meeting held on 13.06.2018 and also decision of the meeting of all Chairpersons/Directors to finalize the syllabi and convene the meeting of Board of Studies (UG) within a week's time consultation with the Dean of the Faculty Concerned.

Thereafter, the proceedings {Syllabi for B.Sc. Physical Science (Physics, Chemistry and Mathematics) and B.Sc. with Physics courses under Annual System} were placed before the BOS(UG) for the discussion and deliberation. The members thoroughly reviewed both courses in terms of distribution of Core, Discipline Specific Elective (DSE) and Skill Enhancement (SEC) papers and class hour distribution over the period of yearly (annual) based system. The members also thoroughly examined marks and credits distribution of these courses under annual system. The marks distribution under Comprehensive Continuance Assessment (CCA) and pattern of conducting annual examinations and internal evaluation were also thoroughly discussed.


Following decisions were taken:

1. The BOS thoroughly revised the contents of four core courses of Physics namely: (i) MECHANICS, (ii) ELECTRICITY, MAGNETISM AND EMT, (iii) STATISTICAL AND THERMAL PHYSICS and (iv) WAVES AND OPTICS splitting over 1st & 2nd years of three year degree courses.
2. The BOS offered three courses under each Discipline Specific Electives of Physics DSE1A and DSE1B for annual system instead of earlier five courses under each group for semester system. The contents of DSE courses were finalized with minor modifications in the existing syllabus.
3. The BOS decided to continue with the same pattern of Skill Enhancement Courses i.e. one SEC1 (Physics) course for B.Sc. Physical Science and four (SEC1 to SEC4) courses for B.Sc. with Physics, as such without any modifications for annual system.
4. The existing marks & credit distributions under Skill Enhancement Courses {(50 marks for Theory paper, 30 marks for CCA and 20 marks for Skill Exam) and credit distribution of 3 credits for Theory and 1 credit for Skill Exam (Skill Test)} were approved as such without any changes.
5. The details about Yearly Based Examination (YBE) and Comprehensive Continuance Assessment (CCA) Scheme, Practical and skill examinations require pass percentage in each

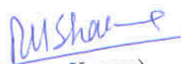
component, criteria for class room and laboratory attendance and marks distribution for attendance of Three Years Degree of B.Sc. Physical Sciences/B.Sc. with Physics (Annual Pattern) were finalized.

6. Several corrections were made in the existing syllabi keeping in consideration of points 1 to 5 above and complete syllabi for B.Sc. Physical Science & B.Sc. with Physics courses (Combined form) for annual system were finalized and approved (**Annexure-A**) after thorough review.
7. It was decided that candidates with B.Sc. Physical Science or B.Sc. with Physics qualifications under annual system will be eligible for applying master degree in Physics/ Chemistry/ mathematics.

Meeting ended with a vote of thanks to the chair.


(Manoj Kumar Sharma)


(Neena Vasudeva)

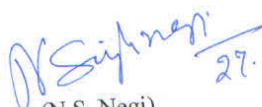

(Raman Kumar)


(Sapana Sharma)


(Mast Ram)


(Balbir S. Patial) 27/6/18


(Anuj Sharma)


(N.S. Negi)
Chairman
27.6.18

हिमाचल प्रदेश सरकार
Department of Physics
Himachal Pradesh University

No.27-1/05-HPU/PHY-

Dated: 23.03.2021

Minutes of the Meeting

A meeting of the Board of Studies in Physics was held in the office of the Chairman Room No. 106 Department of Physics, H.P. University Shimla-5.

The Following members were present in the meeting :

1. Prof. Vir Singh Rangra, Chairman, Deptt. of Physics, H.P.U. Shimla-5.- **Convener B.O.S.-U.G.**
2. Prof. S.K.Dhiman, Deptt. of Physics, H.P. University, Shimla-5.- **Special Invitee**
3. Prof. N.S. Negi, Deptt. of Physics, H.P. University, Shimla-5- **Special Invitee**
4. Prof. B.C. Chauhan, Deptt. of Physics, Central University of Himachal Pradesh Dharamshala - **Expert, External Member**
5. Dr. Poonam Uniyal, Associate Professor, School of Physics and material Science Thapar University Patiala.- **Expert, External Member**
6. Dr. Balbir Singh Patial, Assistant Professor, Director of Higher Education Shimla- **Special Invitee**
7. Dr. Anuj Sharma, Assistant Professor, G.D.C. Arki - **Special Invitee**

Following decisions were taken:

Chairman Department of Physics welcomed all the members to the august meeting of Board of Studies in Physics. Then the agenda of the meeting was placed by the Chairman before the Panel of B.O.S.;

The members of the Board of Studies observed that presently the students seeking Bachelor of Science Physical Science (Physics, Chemistry and Mathematics) and Bachelor of Science with Physics under CBCS systems has only one option having Physics, Chemistry and Mathematics as core courses. However, the Committee propose to introduce Bachelor of Science with Physics having another options of Physics, Computer Science and Mathematics as core courses.

S.K. Dhiman
(Prof. S.K.Dhiman) - 23.03.2021

N.S. Negi
(Prof. N.S. Negi)

B.C. Chauhan
(Prof. B.C. Chauhan)

Poonam
(Dr. Poonam Uniyal)

Balbir Singh
(Dr. Balbir Singh Patial)

Anuj Sharma
(Dr. Anuj Sharma)

Vir Singh Rangra
Prof. Vir Singh Rangra
(Chairman Deptt. of Physics)