



## **Institute of Applied Sciences and Humanities**

### **Department of Physics**

11<sup>th</sup> June, 2020

#### **Minutes of the 9<sup>th</sup> Meeting of BOS**

The 9<sup>th</sup> meeting of BOS was held on 11<sup>th</sup> June, 2020 at 11:00 AM in the Department of Physics to review and revise the course structure of B.Sc (H) Physics in view of increasing the credits of some of the courses as per the Choice Based Credit System (CBCS) and UGC guidelines and also develop the course structure for slow and advanced learners of B.Tech I Year students. The following members were present in the meeting:

1. Prof. B.R.K. Gupta, Head, Physics -Chairman
2. Prof. Raj Pal Singh, Professor, Physics -Member
3. Prof. Anuj Vijay, Professor, Physics -Member
4. Dr. Benoy Kumar Singh, Assoc. Professor, Physics - Member
5. Prof. R.C. Srivastava, Head Physics, GB Pant University, Pantnagar.  
- External expert member

The members of committee discussed the following agenda items:-

**Agenda 1 :** Confirmation of Minutes of 8<sup>th</sup> BOS held on 19<sup>th</sup> February, 2019.

Minutes of 8<sup>th</sup> Meeting of BOS were approved.

**Agenda 2 :** To review and revise the course structure of B.Sc (H) Physics in view of increasing the number of credits of some of the courses as per the CBCS and UGC guidelines. The courses with changes in credits are to be offered in B.Sc(Hons.) Physics Program w.e.f. academic session 2020-21.

The members of committee revised the course structure of B.Sc (H) Physics by increasing the number of credits of some course as per CBCS and UGC guidelines. The revised course structure of B. Sc (H) Physics is given in Annexure I.

**Agenda 3 :** To develop the course structure for B.Tech I Year students specially for slow learners and advanced learners to be implemented w.e.f. 2020-21.

The members of committee developed two courses for slow learners and advanced learners of B.Tech I Year students to be implemented from the academic session 2020-21. The syllabus of the said courses are enclosed as Annexure II.

**Agenda 4 :**

**To consider and approve the new courses for the B.Sc (H), M.Sc Physics programs in view of CBCS and UGC guidelines and also one new course for the Ph.D program.**

Members considered and discussed the courses in both disciplines of B.Sc (H) Physics and M.Sc Physics and approved. Members also approved one new course for the Ph.D program. The details are enclosed in Annexure III.

**Agenda 5 :**

**To consider and approve the courses imparting employability/entrepreneurship/skill development for the B.Sc (H), M.Sc and one course for the Ph.D programs.**

Members considered and discussed the courses imparting employability/entrepreneurship /skill developments. The details are enclosed as Annexure IV.

**Agenda 6 :**

**To consider and approve modification in course and to introduce one new course in Ph.D Programme, as recommended by the Research Cell of the University.**

Research Cell of the University recommended modification in the Syllabus of "Research Methodology" course as well as recommended to introduce "Research and Publication Ethics" course in Ph.D Programme from the session 2020-21. Syllabi of both the courses were duly considered by the board and subsequently approved.

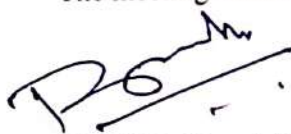
**Agenda 7 :**

**Any Other Item.**

No other item.

The committee discussed the course structure and syllabus of the cited courses thoroughly in detail and recommends for the approval of Academic council.

The meeting ended with thanks to chair.

  
(B.R.K. Gupta)  
HoD, Physics

Professor & Head Department of Physics  
GLA University, Mathura

**Encl.:**

1. Annexure I: Revised Course structure of B.Sc (H) Physics.
2. Annexure II: Course structure of B.Tech I Year Students for slow learners and advanced learners
3. Annexure III: List of new courses introduced.
4. Annexure IV: List of courses having focus on employability/entrepreneurship/skill development.

# **Annexure - III**

### Annexure - III

List of new courses introduced	
S.No.	Name of the Course
1	Basic Electronics
2	Electricity and Magnetism
3	Modern Physics
4	Elementary Statistical Mechanics
5	Electronics Lab.
6	Electrical Lab.
7	Atomic Physics
8	Elements of Nuclear Physics
9	Elementary Solid State Physics
10	Optics Lab.
11	Solid State Physics Lab
12	Elementary Quantum Mechanics
13	Introd. To Linear and Digital Integrated circuits -I
14	Electronics-II
15	Classical Electrodynamics
16	Atomic and Molecular Physics
17	Introd. To Linear and Digital Integrated circuits -II
18	Computational Physics and Programing
19	Electronics Lab. I
20	Electronics Lab. I
21	Project-1
22	Project-2
23	Dissertation
24	Environmental Science
25	General Relativity
26	Research Methodology
27	Research and Publication Ethics

  
 (BRK Singh)  
 Professor & Head Department of Physics  
 GLA University Mathura