

## **Annexure- C-1(1.2.2)**

### **1.2.ii Whether Learning outcomes are defined**

**PO's and CO's are available on college Website:**

**<https://gcghumarwin.ac.in/wp-content/uploads/2024/12/Cos-and-POs.pdf>**

*SWAMI VIVEKANAND GOVT. COLLEGE GHUMARWIN*

*Affiliated to Himachal Pradesh University Shimla*

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**2.6.1 Program Outcomes, Program Specific Outcomes and course outcomes for all programs offered by the institution are stated and displayed on website and communicated to teachers and students.**

#### **BSc with BOTANY**

1. To developed a positive attitude among the students towards scientific knowledge, systematic study and sustainable development.
2. Provide the knowledge of Plant Diversity, its importance, threats and conservation methods.
3. Knowledge of basics of life, significance of Evolution and Ecology.
4. Co-relate the understanding of different fields of Botany and Basic Sciences.
5. Awareness and development of basic experimental skills, field observation of Plants and biological techniques used for scientific research.

#### **PROGRAM SPECIFIC OUTCOMES**

1. Knowledge of Botany and its branches makes one capable to identify different plants belonging to different groups and its uses for the benefits of mankind.
2. In the U.G. level, a basic knowledge is provided to the students for better understanding of the Plants science specific fields such as Taxonomy, Plant Anatomy, Plant Physiology, Molecular Biology, Floriculture, Biofertilizers, Biotechnology and Mushroom cultivation.
3. In fields like Plant Pathology, we get knowledge of different disease causing organisms and their control measures. In Economic Botany and Ethnobotany the students are apprised about uses and importance of different plant species.

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### **Programme outcomes/learning outcomes defined in the PG syllabus:**

M.Sc. chemistry syllabus link:

[https://hpuniv.ac.in/hpuniv/upload/uploadfiles/files/Final%20MSc%20Chem%20HPU%20syll%2C%20CBCS%20for%2022-23\(1\).pdf](https://hpuniv.ac.in/hpuniv/upload/uploadfiles/files/Final%20MSc%20Chem%20HPU%20syll%2C%20CBCS%20for%2022-23(1).pdf)

M.Sc. Physics syllabus link:

[https://www.hpuniv.ac.in/hpuniv/upload/uploadfiles/files/M\\_Sc\\_%20Physics%20Course\\_CBCS%20proposed%202022-23%20and%20onwards\(1\).pdf](https://www.hpuniv.ac.in/hpuniv/upload/uploadfiles/files/M_Sc_%20Physics%20Course_CBCS%20proposed%202022-23%20and%20onwards(1).pdf)

M.Com.( Programme outcomes) syllabus link :

[https://www.hpuniv.ac.in/hpuniv/upload/uploadfiles/files/M\\_COM%20\(1\)\(1\).pdf](https://www.hpuniv.ac.in/hpuniv/upload/uploadfiles/files/M_COM%20(1)(1).pdf)