



## **PREAMBLE**

Homi Bhabha National Institute (HBNI) established in 2005 under section 3 of the UGC Act-1956, is a deemed to be university, and presently has 10 constituent institutes and 4 off-campus centres. Since its inception, HBNI has steadily expanded its academic programmes, leading to human resource development in the areas of nuclear science and engineering, and several other areas of societal importance such as medical and health sciences.

Currently, HBNI is offering 48 main programmes across various disciplines, under nine Board of Studies.

### **List of Board of Studies (BoS)**

- Applied Systems Analysis
- Chemical Sciences
- Engineering Sciences
- Interdisciplinary Science and Engineering
- Life Sciences
- Medical & Health Sciences
- Mathematical Sciences
- Physical Sciences
- Integrated Masters programme

Adhering to UGC guidelines, syllabi approved by the BoS are compiled into a standard format featuring credit structures and course outcomes. In this process, nearly syllabi of 102 programmes covering 3401 number of courses and about 6000 pages are compiled.

### **Process adopted for compilation of Syllabus**

1. Syllabuses for new courses/programmes from CI/OCCs are received at central office.
2. Syllabuses are forwarded to respective Board of Studies for their recommendation.
3. Syllabuses are revised as per BoS suggestion/recommendation.
4. Updated syllabuses are approved by Academic Council.

### **Credit definition:**

One Credit means the standard methodology of calculating 1 hr of theory or 2 hours of laboratory work per week for a duration of semester(15 weeks)

**1 Credit: 15 hrs of Theory/ 30hrs of laboratory work**

**(Updated as on 22/12/2025)**