

# INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

## Guidelines for Preparatory Course Students 2021-22

### **I. About Preparatory Course:**

1. Preparatory Course is a pre-degree course and admission into the degree programmes is conditional upon successful completion of the Preparatory Course
2. It is not a part of any regular degree programme of IIT Bombay.
3. The objective is to strengthen the fundamentals of students in Physics, Chemistry, Mathematics and English so as to enable them to cope up with the degree programmes in a better manner.
4. The opportunity to take Preparatory Course is given ONLY ONCE. You are not eligible to do it again, if you fail to complete the course successfully.
5. You have to pursue the degree (after successful completion of Preparatory Course) in the earmarked IIT itself.

### **II. Preparatory Course Structure:**

1. Four courses which prepare you for getting into the regular degree programme of IIT.
  - a. Physics
  - b. Chemistry
  - c. Mathematics
  - d. English
2. Each of the above listed courses is for 2 semesters (Autumn – November to March and Spring - March to July). Please refer Academic calendar for detailed information.

### **III. Guidelines for Preparatory Course:**

1. Minimum qualifying marks is 40% for each of the following courses: Physics, Chemistry and Mathematics. The marks are aggregated over the two semesters. The former two courses will also have Lab components which are given “Pass” and “Not Pass” grades and you need to obtain the pass grades in lab courses so as to pass the Preparatory Course.
2. For English minimum qualifying marks are 30% per semester.
3. For students failing only in one subject, grace marks upto 5 % are given.
4. Evaluation will be based on Homework, Assignments, Class Participation, Quizzes, Mid Semester and End Semester Examinations. The weightage of each of these components will be informed by the Instructors.
5. 100% attendance is mandatory, except in case of medical or other emergencies. However, under no conditions, the attendance should be less than 80%.
6. No re-exam is given, except on the medical grounds.
7. No Degree / Diploma certificate is issued after successful completion of Preparatory Course.

#### IV. Financial Facilities:

1. Tuition fees is waived for all preparatory course students.
2. For those SC/ST/PwD students whose parental (Father and Mother) income is not more than 5 Lakhs can apply for the following scholarship:
  - a. Facilities of free messing:
    - Free messing (only basic menu)- only in case of staying in hostel.
    - Exemption from payment of hostel room rent- only in case of staying in hostel.
    - Pocket allowance (Rs. 500/- pm)

#### V. Faculty Advisors and Instructors:

The Institute has a Faculty Advisor for SC/ST students who is also the Co-ordinator for Preparatory course. He looks after them and helps sorting out of the problems that they may face.

- **Faculty Advisors:** Prof. Madhu Bellur & Prof. Bharat Adsul.
- **Subjects & Instructors:**

Subject	Semester	Course Code	Instructors
Physics	1	PH 001	Prof. Basanta Kumar Nandi.
	2	PH 002	
Chemistry	1	CH 001	Prof. Nand Kishore
		CH 011	
	2	CH 002	Prof. Shobhna Kapoor
		CH 022	
Mathematics	1	MA 001	Prof. J.K. Verma.
	2	MA 002	Prof. Madhusudan Manjunath
English	1	HS 001	Prof. Vijayanthi Sarma.
	2	HS 002	

Note:

For Chemistry:

Inorganic Chemistry- Prof. G. K. Lahiri, Prof. P. Ghosh

Organic Chemistry- Prof. Santosh J. Gharpure, Prof. Nandita M.

- IITB Hospital, Ms. Hima Anareddy (Student Counselor).
- The SC/ST students are also loaned 5 text books per semester from the Institute Library and such books are provided from special collections.