

HOMI BHABHA CENTRE FOR SCIENCE EDUCATION, TIFR
V. N. Purav Marg, Mankhurd, Mumbai - 400 088, INDIA

National Initiative on Undergraduate Science (NIUS) PHYSICS programme

Criteria for Selection for NIUS (Physics) 17.1 (2020-2021)

We usually receive a large number of excellent applications from the student community all over the country. However, accommodation, lecture hall and laboratory facilities available at HBCSE are constraining factors, which often oblige us to limit the total intake to about 70. This number may change from year to year.

A selection committee will be appointed by the National Coordinator, NIUS programme. The committee will categorize the applications in the following four groups,

- i) 3 year B.Sc./B.Sc.(H) with Physics as one of the subject.
- ii) 4 year B.S./B.Tech./B.E. in Physics/Applied Physics/Engineering Physics
- iii) 5 year M.S./M.Sc. (Integrated) with Physics as one of the subject.
- iv) 4 or 5 year B.Tech./B.E. any branch of Engineering/Technology

Each application will be examined in depth, independently by at least two members of the committee. Subsequently all short listed applications will be discussed and finalized by the committee.

Selection guidelines are the following:

- a) Performance in STD X and XII examination
- b) Recommendations from two referees
- c) A 250 word write up to explain and justify student's interest in research and development.
- d) Additional qualifications like KVPY, INSPIRE, NGPE, OCSC and International Olympiads, etc

Based on the above,

- A) about 30 students will be selected from the 3 year B.Sc./B.Sc.(H) with Physics as one of the subject.
- B) about 28 students will be selected from the 4 year B.S./B.E./B.Tech. in Physics/Applied Physics/Engineering Physics and 5 year M.S./M.Sc. (Integrated).
- C) about 7 students will be selected from the 4 or 5 year B.Tech./B.E. any Branch of Engineering/Technology.

In addition, about 5 best performers from IAPT – National Graduate Physics Examination (NGPE) 2020, who are in FIRST YEAR of their 3 year B. Sc. /B. Sc. (H) course will also be selected.

The list of selected students will be made available on the HBCSE-NIUS website by March 25, 2020 and an email invitation will be sent to each selected applicant by March 31, 2020.

NIUS (Physics) Selection Committee