

**INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
DEPARTMENT OF EARTH SCIENCES**

Following are the research areas, in which, admission for the Ph.D program will be offered in the Spring Semester 2020-21.

1. Geomechanics
2. Organic Geochemistry
3. Sedimentology (Reservoir sedimentology hydrocarbon fields)
4. Physical Volcanology
5. Ore Geology (Ore Deposit Modelling)
6. Numerical Modelling in Geophysics (Cooperative and Joint Inversion)
7. Electrical Methods in Geophysics (Anisotropy Studies)
8. Earthquake Seismology
9. Geophysical Signal Processing (Nonlinear data analysis)
10. Petrophysics and Rock physics (Machine Learning Applications)
11. Geomagnetism

NOTE:

1. Candidates, who apply for any research areas other than those mentioned above, will not be called for interview.
2. If any candidate has already filled a wrong research area and cannot modify the same in the submitted application form and yet interested to choose any of the above research areas, then they can send an email to esekhar@iitb.ac.in, mentioning his/her preference of research area for consideration of his/her application. Last date for exercising this option is October 26, 2020 (Monday).