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

1. Structural Geology (Tectonics/Active tectonics)
2. Metamorphic Petrology (Crustal evolution; Tectono-metamorphic history)
3. Ore Geology (Ore petrology; Mineral Exploration; Mineral Beneficiation; Melt inclusion studies)
4. Geomechanics
5. Engineering Geology
6. Petrophysics
7. Earthquake Seismology
8. Exploration Seismology (Wave propagation; imaging; inversion)
9. Electromagnetism (Electromagnetic induction studies)
10. Geophysical Signal Processing (Nonlinear signal analysis; Machine Learning applications)
11. Numerical Modelling in Geophysics (Cooperative and joint inversion studies)
12.Geomagnetism (Earth and Planetary magnetism)

Note:

1. Candidates who wish to apply for research areas beyond those, mentioned above, will not be called for interview.
2. If any candidate has already filled a wrong research area and can not modify the same in the submitted application form and yet is 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.