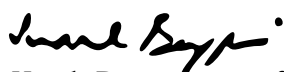


**Department of Earth Sciences
Indian Institute of Technology Roorkee**

**List of faculty members with respective areas of specialization
open for PhD admission in Spring 2021-22**

Sl. No.	Name of faculty	Specialization / Area(s) of research
1.	Prof. S. Bajpai	Paleontology
2.	Prof. P. Srivastava	Sedimentology, paleoclimate of terrestrial systems
3.	Prof. S.P. Pradhan	Engineering Geology, Reservoir Geomechanics, Carbon Sequestration
4.	Prof. N. Rai	Geochemistry; Planetary Science
5.	Prof. S. Bhatt	Structural Geology and Tectonics
6.	Prof. S. K. Tiwari	Structural Geology and Tectonics
7.	Prof. C. Panmei	Paleoclimatology
8.	Prof. S. Padhy	Scattering & Attenuation of seismic waves; Ambient noise tomography; Earthquake strong motion simulation; Signal and Image Processing
9.	Prof. A. Chamoli	Gravity & Satellite gravity applications-GRACE, Geophysical Signal Processing, Crustal deformation studies
10.	Prof. R. Sharma	Multiphysics and Multiscale investigation for integrated reservoir characterization in conventional and unconventional formations. Rock Physics and Seismic Amplitude Analysis, Flow Through Porous Media, Spectral Induced Polarization.
11.	Prof. V. Silwal	Seismology

Countersigned



Head, Department of Earth Sc.

Chairman, DRC
Department of Earth Sciences