

**DEPARTMENT OF EARTHQUAKE ENGINEERING  
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**

Dated: March 29, 2019

***2Day Training Program under DRIP on  
Geotechnical and Seismic Considerations in Dams***

(June 17-18, 2019)

**Venue:** Department of Earthquake Engineering, IIT Roorkee

**Day-1: June 17, 2019: Monday**

09.00 – 09.30	Inaugural	
09.30 – 11.00	Introduction to Geotechnical Earthquake Engineering (L)	
11.00 – 11.30	Tea	
11.30 – 13.00	Elements of Engineering Seismology (L)	
13.00 – 14.30	Lunch	
14.30 – 16.00	Seismic Hazard Analysis and Microzonation (L)	
16.00 – 16.30	Tea	
16.30 – 17.30	Geotechnical Field Investigations for New and Existing Dams (L)	

**Day-2: June 18, 2019: Tuesday**

09.30 – 11.00	Evaluation of Dynamic Soil Properties from Laboratory Tests (L)	
11.00 – 11.30	Discussions over Tea	
11.30 – 13.00	Ground Response Analysis including Wave Propagation (L)	
13.00 – 14.30	Lunch	
14.30 – 15.45	Liquefaction of Soils during Earthquakes (L)	
15.45 – 16.00	Tea	
16.00 – 17.00	Training on In-situ Testing Methods (P)	
17.00 – 17.30	Closure and Certificate distribution followed by Tea	