

Centre of Excellence in Disaster Mitigation & Management
Indian Institute of Technology Roorkee

Information in reference of letter no.:Estt.(A)/20049/E-5105 dated 23 March 2016

Technology Developed

Campus Name	Title	URL	Started in Year	Academic Year	Developed by	Status
Indian Institute of Technology Roorkee	Earthquake Early Warning System	---	2013	2012-13	Centre of Excellence in Disaster Mitigation & Management under a research project sponsored by MoES, Govt. of India	Continue

Research Facility

Name of Institute	Title	Description	Facility URL	Academic Year	Type	Status
Indian Institute of Technology Roorkee	Bio-Chemical Disaster Risk Assessment Laboratory	The laboratory is equipped some of the unique facilities such as (a) Axio Scope A1 Trinocular Research, Microscope, (b) HPLC unit, (c) Shaker Incubator, (d) Horizontal Gel Electrophoresis System, (e) -20° Deep Refrigerator	----	2012-13	Research Lab	Continue
Indian Institute of Technology Roorkee	Earthquake & Landslide Risk Assessment Laboratory	The laboratory is equipped with the facility Uniaxial Shake Table	----	2012-13	Research Lab	Continue
Indian Institute of Technology Roorkee	Wind Simulation Laboratory	This is unique facility being developed and installed at the centre having (a) Multi-Fan Wind Tunnel Facility, (b) Particle Image Velocimetry System	----	2013-14	Research Lab	Still not commissioned

Ongoing Research Projects

Financial Year	Name of the Faculty	Title of New Project	Sponsoring Agency	Total Project Cost	Project Duration
2013-14	Dr. Mahua Mukherjee	Documentation on Traditional Earthquake Resistant Building Technology Available with SAARC Countries	SAARC Disaster Management Centre, New Delhi	5.50 lacs	April 2013 - January 2017
2014-15	----	-----	-----	-----	-----
2015-16	Dr. Ranjana Pathania	Molecular Analysis of Pesticide Stress Response in Multiple-Pesticide Degrading Bacterial Strain Isolated from Uttarakhand	Uttarakhand Council of Science & Technology, Dehradun	5.48 lacs	2 years starting from December 2015

Bal Krishna
1/9/16