

<i>Title of the Research Project</i>	Critical review of empirical attenuation relationships considering site amplification effects
<i>Period of Research</i>	01.04.2011 to 31.03.2013
<i>Funding Agency</i>	Savitribai Phule Pune University
<i>Reference Number</i>	BCUD/OSD/512, Dated: 15/02/11
<i>Name of the Principal Investigator</i>	Mrs. S. S. Jain
<i>Name of the Co-Investigator</i>	Nil
<i>Grant Received (Rs.)</i>	2,00,000
<i>Objectives of the project</i>	<ul style="list-style-type: none"> • The research work reviewed improved empirical attenuation relationships for the Fourier spectrum amplitudes with the effects of local geological and site soil conditions considered in a very comprehensive way. • The theoretical methods for determination of site amplification were also reviewed so as to suggest the best alternative. • The research provided a basis for carrying out the seismic hazard analysis to arrive at more realistic design ground motion for regions lacking in or having inadequate recorded Strong Motion Acceleration data.
<i>Number of UG/PG Project Groups</i>	02
<i>Publications out of this Research (if any)</i>	01
<i>Photograph of Equipment Fabricated / Instruments purchased</i>	Nil
<i>Any other information</i>	Nil