**National Institute Of Technology, Hamirpur (H.P)**

**Innovative Research Incubation Club**

**Innovative Research Project Proposal/Format**

**Research Project Title**- Numerical Investigation for Different Base Isolation Systems.

**Project Description**-The main aim of the project is to prepare a proper design procedures for base isolators accordance with Indian and foreign codes. Modeling of seismic isolators in Contemporary software’s programs like Abaqus,SAP2000,Etabs and opensecs.

**Project Completion Time**- Mid Term (Upto one year)

**Student Skills Required, Pre-requisites (if any**): Should have basic knowledge og Earthquake Engineering

Should be familiar to IS 1893 (2002) Part 1

**Number of students required (UG/PG) for this project**: 3 to 4 students

**Name of Faculty Member**: Anurag Sharma

**Department**: Civil Engineering

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