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

**Innovative Research Incubation Club**

**Innovative Research Project Proposal/Format**

**Research Project Title**- Landslide susceptibility mapping along Highway corridors for roadside slope maintenance .

**Project Description**- The main aim of the project is to prepare a landslide susceptibility map along roadside and using it for slope maintenance. ArcG1S can be used for this purpose. A landslide inventory will also be prepared for validation of the results. The final out of the study can be used by construction firms and transport planners.

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

**Student Skills Required, Pre-requisites (if any**): Self interest in the area of transportation planning.

Should have basic computer knowledge

Should be willing to do field surveys.

**Number of students required (UG/PG) for this project**: 2 to 3 ( but not more than 3 in any case)

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