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

**Innovative Research Incubation Club**

**Innovative Research Project Proposal/Format**

**Research Project Title**- Self Sustained Roof top rain water harvesting

**Project Description**-The rainwater falling from the roof will trinkle down to a storage tank located below .Any dust particles, sentiments would be allowed to settle. In this tank there will be a mechanism through which water will release in the form of jet (with high velocity) on a turbine. This turbine will help in pumping water to the roof tank.

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

**Student Skills Required, Pre-requisites (if any**): Basic Hydrology, Fluid Mechanics knowledge.

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

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