

Gantt Chart of Work Plan

Project Title: Geomorphic characterization of flash floods and mass wasting in upper Ganga terrain of Garhwal Himalaya: role of climate-tectonic interaction in gradation processes

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S. No	Activity	1 st Year				2 nd Year				3 rd Year			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1	Literature survey and up-gradation of understanding of the subject	■	■	■	■	■	■	■	■	■	■	■	■
2	Recruitment of JRFs, Research Associate	■			■	■							
3	Procurement of workstation, laptop and ArcGIS (Version 11-Single license)	■	■										
4	Procurement of remote sensing imageries of the region and specific areas on high resolution at a later stage	■	■					■	■				
5	Thematic base map preparation using published data and remote sensing study on different themes including geology, structures, geomorphic landform, drainage pattern and morphometry etc. and their upgradation incorporating new data.	■	■	■	■	■	■	■	■	■	■	■	■
6	Field work includes structural and geomorphic mapping, sampling for OSL and radio carbon samples from the critical landforms		■		■		■		■	■	■	■	
7	Quantitative geomorphic study and modeling using GIS based integration of lab and field data.		■	■	■	■	■	■	■	■	■	■	■
8	Processing of samples for dating with TL/OSL and ¹⁴ C techniques				■	■	■	■	■			■	■

9	Compilation, interpretation, and publication of the results in Journals and presentations in seminars													
10	Preparation of annual and final report													

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