# Gantt Chart of Work Plan

**Project Title: Dynamic of Himalayan ecosystem and its impact under changing climate scenario**

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| S. No | Activities | 1st Year | | | | 2nd Year | | | | 3rd Year | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| 1. | Hiring manpower | | | | | | | | | | | | |
| 2. | Procurement of machine/desktops/installation of Met. stations | | | | | | | | | | | | |
| 3. | Data collection | | | | | | | | | | | | |
| 4. | Vegetation monitoring | | | | | | | | | | | | |
| 5. | Animal monitoring | | | | | | | | | | | | |
| 6. | Database building | | | | | | | | | | | | |
| 7. | Model development | | | | | | | | | | | | |
| 8. | Partitioning of landscape to define spatial modelling units for spatially complex Mago river basin | | | | | | | | | | | | |
| 9. | Prediction of seasonal or temporal pattern of stream- flow response relative to observed data by hydro-ecological modelling and snowmelt modelling | | | | | | | | | | | | |
| 10. | Determination of sensitivity of model predictions to calibration parameters and landscape representation | | | | | | | | | | | | |
| 11. | Prediction of soil moisture, snow density, snow depth, degree-day factor, snow –water equivalent pattern in space and time | | | | | | | | | | | | |
| 12 | Data synthesis | | | | | | | | | | | | |

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| 13. | Report writing | | | | | | | | | | | | |
| 14. | Final report | | | | | | | | | | | | |