

(i) Project title : Extraction of textile fibres from pine needle and development of various products from it.

Objectives :

- To develop a method for extraction of fibers from pine needles.
- To produce yarn with pure fibres and blends by optimising mechanical parameters.
- To develop various kinds of fabric utilising these yarns
- To develop final products i.e. home textile using these fabrics.

Research Outcome :

- Preliminary study on extraction of fibre from pine needle has been done.
- Extracted fibres are blended with other fibres for manufacturing of yarn.
- Few fabric samples were developed.
- The evaluation of these fabrics have been completed.
- This project has been converted in to the Ministry of Textiles sponsored project "Development of value added product from different fibres in Himalayan Region".