

Natural Long Fibre Pilot Plant available at NITRA for use by Textile Industry

In line with present demand of sustainable, biodegradable natural fibres NITRA has set up the above. The main function of this pilot plant is to run wet spinning system for long natural fibre. This system will help entrepreneurs in exploring potential in long fibers like flax, hemp, ramie, nettle etc. This wet spinning system consists of sophisticated machines such as hackling machine for individualization, short fibre removal and sliver formation, a series of 5 draw frames for parallelization and drafting, roving frame for drafting and twisting, ring frame for final yarn conversion. NITRA offers this set up to start up companies, existing companies for developing final products and market study. Also the existing Flax units can take help of NITRA for conversion of Flax fibre to Hackled sliver, as NITRA has excess capacity of Hackling machine, on chargeable basis.

