

## *Automatic Electronic Fibre Bundle Strength Tester for Multiple Fibre*

### **Background:**

Natural fibres are not graded properly and all qualities of produce are sold in one common lot. Thus farmers producing better qualities are not assured of a better price. Besides, the chain of middle man in agricultural market is so large that the share of the farmers is reduced substantially. In order to prevent such type of deprivation it was a crying need to develop a set of instruments especially for jute, ramie, sisal, sunnhemp and flax fibres growers to be used for finding the correct grade of the fibre, as the price of the products depends upon the grades of the fibre.:

### **Technology Details:**

Important contributions have been made by NINFET in the domain of instrumentation in relation to grading for jute, ramie, sisal, sunnhemp and flax fibres. The instruments Automatic Electronic Fibre Bundle Strength Tester, which are now being used for accurate measurement and testing of strength, an important parameter for quality assessment of the fibre and thereby preventing deprivation of the farmers from getting their proper dues.