

## *Digital Fineness Meter for Multiple Fibres*

### **Background:**

The main problem is to measure the fibre fineness where a widely variety fibre parameters are present using a system which will be least dependent upon the operating staff and environmental variables but automatically convert and compute results that will be produced digitally within a very short span of time.:

### **Technology Details:**

The whole process will be controlled by a central processing unit using computerized micro controller. This multifunctional controller will first run a small motor to produce the airflow through the sample under test. The controller in turn measures the pressure difference of the orifice plate using sensitive sensors. These sensors will provide their results which will be compared and computed in the controller unit to produce results. These result will be shown digitally on LCD display instantly.