



NATIONAL TEXTILE UNIVERSITY LIBRARY

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NEWS CLIPPING OF THE DAY

Title: Rs2.84m HEC's grant for NTU Faisalabad
Source: Business Recorder, P.8
Dated: Saturday June 30, 2018

Upgradation of lab

Rs2.84m HEC's grant for NTU Faisalabad

RECORDER REPORT

FAISALABAD: Higher Education Commission Pakistan has released a grant of Rs 2.84 million to Department of Materials & Testing, National Textile University Faisalabad for upgradation and strengthening the Textile Physical Testing Laboratory under the project "Institutional strengthening".

This will be utilized for procuring three testing instruments, high resolution microscope, elmendorf tear tester, and pneumatic bursting strength tester.

The proposed instruments are common for textile physical testing laboratory. Their addition in our laboratory will strengthen the textile testing and research approach for undergraduate and postgradu-

ate students.

High resolution microscope is required to analyse fiber up to yarn and fabric surface characteristics.

It will help undergraduate students to learn about fiber physical structure and to distinguish in different fibrous materials. It will enhance their analytical skills to differentiate and study fiber and yarn surface properties. Surface modifications in research perspective will also be studied on these instruments for postgraduate students.

Considering the diversion of our textile industry based on international market, knitted fabrics have high volume in our export goods. Our laboratory still lacks in testing instruments for this main textile product. Bursting strength

tester will be a good addition in testing of knitted fabric structures and products. It will provide key knowledge to undergraduate students about knitted structure parameters and will make them good technical workforce as per requirement of our industry.

The tear strength testing of weaved fabric has been modified to comply new testing protocols. To keep up with industrial requirements, advanced tear strength tester is need of the time for laboratory upgradation. It is a basic course testing instrument for undergraduate students to understand and study the tear testing of different qualities of textile weaved products. Furthermore, it is also extensively used for postgraduate research projects for product development.