

IIT Kharagpur

Nina Saxena Excellence in Technology Award 2009 to

SMITA Research Group,

Department of Textile Technology, IIT New Delhi



The Nina Saxena Excellence in Technology Award

Nina Saxena Excellence in Technology Award for the year 2009 was presented on 18th August 2009 to Prof. Ashwini K. Agrawal and Dr. Manjeet Jassal, Department of Textile Technology, IIT, Delhi for their revolutionary work in the field of atmospheric pressure glow discharge plasma reaction technology for functionalization of textile substrates.

The research group on "Smart and Innovative Textile Materials (SMITA)" at the Deptt. of Textile Technology, IIT Delhi is a body of researchers who are working on developing novel, intelligent, smart and functional materials for textile applications. The SMITA group, headed by Dr. Ashwini K. Agrawal and Dr. Manjeet Jassal, is developing several cutting edge technologies in the area of textile, such as plasma processing, nanofinishing, nanofibres, and responsive textile materials. The group is also working very closely with the leading Indian Industries to take some of these technologies to commercial scale.