

## **Profile Page**



Name : Dr M D Roy

Designation : Associate Professor

Department : Textile Technology

Qualification : Ph.D (NIT Jalandhar)  
M.Tech (TIT&S, Bhiwani)  
PG Dip in Jute Tech (Calcutta University)  
B.Tech (Calcutta University)

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### **Research Interests :**

Fabric Manufacture, Textile Structure-Property Relationship, Quality Control & Marketing in Textiles.

### **Journal Publications :**

Year	Journal	Publication
2017	J. Inst. Eng. India Ser. E (Springer), DOI: 10.1007/s40034017-0097-9.	Wicking performance of profiled fibre Part A: Assessment of yarn.
2017	J. Inst. Eng. India Ser. E (Springer). DOI:10.1007/s40034-0170103-2.	Wicking performance of profiled fibre Part B: Assessment of fabric.

### **Conference Publications :**

Year	Conference	Publication
2017	International Conference on Textile and Clothing, at University of Calcutta.	Wicking performance of yarn made from profiled fibres
2017	International Conference on Textile and Clothing, at University of Calcutta.	Tearing behaviour of twill fabrics made out of ring and rotor spun yarn
2016	Redefining Textiles: Cutting Edge Technology of the Future; Dept of Textile Technology, NIT Jalandhar	Tear Behavior of Woven Cotton Fabrics
2016	Redefining Textiles: Cutting Edge Technology of the Future; Dept of Textile Technology, NIT Jalandhar	Evaluation of Mechanical Properties of Peanut Shell Flour-Polypropylene Composite
2016	Redefining Textiles: Cutting Edge Technology of the Future; Dept of Textile Technology, NIT Jalandhar	Effect of fabric parameters and processing stages on fluid flow through 3/1 fabric
2016	16th World Textile Conference Autex 2016, held in Ljubljana, Slovenia	Assessment of overall moisture management properties of knitted fabrics made from polyester filament of different fineness.

2014	International Conference on Emerging Trends in traditional and Technical textiles at NIT Jalandhar	Study on Ring & Air-Jet yarns and its' mechanical performances in fabrics
2013	13th AUTEX World Textile Conference at Dresden, Germany	Studies of effects of mechanical conditioning on abrasive behaviour of yarns
2011	2nd International Conference on Environmental Science and Technology, Singapore	Beneficiary of Environmental Management System
2011	International Conference of Innovative Textiles, ICONTEX-2011, Istanbul, Turkey.	Ring and Compact spun yarn: An evaluation for Knitted fabrics
2010	AUTEX2010 10th World Textile Conference	Influence of Yarn characteristics on Tearing strength of woven fabric

### **Professional Affiliations :**

<b>Designation</b>	<b>Organization</b>
Fellow	Institution of Engineers(I)
Life Member & Secretary, TA(I) Punjab Unit	Textile Association(I)