

# Indian Journal of Fibre & Textile Research

Prof R Chattopadhyay  
Textile Department  
Indian Institute of Technology  
Hauz Khas  
New Delhi 110 016, India

Dr Arindam Basu  
Director General  
The Northern India Textile Research  
Association  
Sector 23, Rajnagar  
Ghaziabad 201 002, India

Prof R V Adivarekar  
Head, Department of Fibres and Textile  
Processing Technology,  
Institute of Chemical Technology,  
N P Marg, Matunga,  
Mumbai 400 019, India

Dr A N Desai  
Ex Director, BTRA  
1804 Victoria VFVA Society  
Lodha Paradise Majiwade  
Thane West 400 601, Mumbai

Dr N. Shanmugam  
Head I/C- QEID  
Central Institute for Research on Cotton  
Technology [CIRCOT]  
Adenwala Road, Matunga  
Mumbai 400 019, India

Dr N N Mahapatra  
President  
Colorant Limited  
Ahmedabad 380 054, India

Dr Ajay Sardana  
Vice President & Global Head-Customers  
Market Intelligence, Liaison & Sustainability  
Birla Cellulose, Grasim  
Aditya Birla Group  
Vadodara 390 007, India

Prof G K Tyagi  
Director  
Technological Institute of Textile & Sciences  
Birla Colony,  
Bhiwani 127 021, India

Dr Sadhan Chandra Ray  
Former Professor  
Department of Jute and Fibre Technology  
University of Calcutta  
35 Ballygunge Circular Road  
Kolkata 700 019, India

Prof Stephen Russell  
Chair of Textile Materials and Technology,  
School of Design  
Centre for Technical Textiles  
University of Leeds  
LS29JT, Leeds, UK

Prof Subhas Ghosh  
Program Coordinator  
School of Technology Studies  
Eastern Michigan University  
202 Roosevelt Hall, Ypsilanti  
MI 48197, USA

Prof Peter Schwartz  
Department of Polymer and Fiber  
Engineering  
Auburn University  
311 West Magnolia Avenue  
Auburn, AL 36849-5327, USA.

Prof T Bechtold  
Head, Research Institute for Textile  
Chemistry and Textile Physics  
University Innsbruck, Hoehcherstrasse 73  
A-6850 Dornbirn  
Austria

Dr Surinder Tandon  
Former Manager  
Apparel & Functional Textiles  
Textile Science and Technology  
AgResearch Limited, Lincoln  
Research Centre  
Cnr Springs Road & Gerald Street,  
Lincoln, Private Bag 4749  
Christchurch 8140, New Zealand

**Director, CSIR-NISCAIR (Ex-officio)**

**Editor: Neelu Srivastav**

**Published by the National Institute of Science Communication and Information Resources, Vigyan Sanchar Bhawan, Dr K S Krishnan Marg, New Delhi 110 012**

**Phone:** 25841846, 25846301-07; **Fax:** +91-11-25847062; **E-mail:** ijfr@niscair.res.in;  
**Website:** www.niscair.res.in; http://nopr.niscair.res.in; http://op.niscair.res.in (online submission)

The *Indian Journal of Fibre & Textile Research* is issued quarterly (peer reviewed journal).

**The Institute assumes no responsibility for the statements and opinions advanced by contributors.** The editorial staff in the work of examining papers received for publication is assisted, in an honorary capacity, by a large number of distinguished scientists.

Communications regarding contributions for publication in the journal should be addressed to the Editor, *Indian Journal of Fibre & Textile Research*, CSIR-National Institute of Science Communication and Information Resources, Dr K S Krishnan Marg, New Delhi 110 012.

## Subscription

<b>Annual:</b>	Rs 1600.00	\$ 300.00*	
<b>Single Copy:</b>	Rs 540.00	\$ 100.00*	(*Inclusive of first class mail)

Payments through Demand Draft/IPOs/ECS/NEFT/RTGS are accepted.

Following Details may be used for ECS / NEFT / RTGS transactions with NISCAIR:

Bank name : Syndicate Bank	Address: Pusa Campus, IARI, New Delhi-110012, India	Branch: Pusa Campus, IARI, New Delhi
Account No.: 90292160000079	Account name: NISCAIR, New Delhi-110012	IFSC code: SYNB0009029
MICR code : 110025041	Branch code : 9029	Swift code: SYNBINBB019

Correspondence regarding subscriptions and advertisements should be addressed to the **Head, Business Development Division, CSIR-National Institute of Science Communication and Information Resources, Vigyan Sanchar Bhawan, Dr K S Krishnan Marg, New Delhi 110 012.**

**Phone:** 25843359 (Subscription Complaint)/25846304-07 Extn 287, 288; **Fax:** +91-11-25843359; **E-mail:** sales@niscair.res.in

**Claims for missing numbers of the journal will be allowed only if received within 3 months of the date of issue of the journal plus the time normally required for postal delivery of the journals and the claim.**

## To Our Readers

The *Indian Journal of Fibre & Textile Research* accepts research/review papers in the following areas:

- Production and properties of natural and synthetic fibres (including Industrial fibres)
- Production and properties of yarns
- Production and properties of fabrics
- Physics and chemistry of fibre-forming polymers
- Dyeing and Printing
- Chemical and finishing processes
- Fibre-reinforced composites
- Garment technology
- Analysis, testing and quality control
- Application of microprocessors
- Instrumentation
- Industrial engineering
- Application of nanotechnology in textiles

Research papers are published under two categories: Full Papers and Short Communications. Also included are critical review papers, conference reports and book reviews.

The Journal is covered by the following abstracting, indexing and current awareness services:

- Material Science Citation Index
- Science Citation Index–Expanded (including web of science)
- World Textile Abstracts
- Textile Technology Digest
- Chemical Abstracts
- Indian Science Abstract
- Directory of Open Access Journals
- UDLedge Products
- Journal Citation Reports/Science Edition
- Art and Archaeology Technical Abstracts
- NCI Current Contents
- Refrativnyi Zhurnal
- TEXINCON
- Paper CLIPP
- Scopus
- ICAR- National Assessment and Accreditation Council (NAAC rating)

### Special Issues of Journal

- |   |  |
|---|--|
| <p><b>1 Recent Advances in Man-Made Fibres</b><br/>(Published in 1991; Price: Rs 125.00 £ 14.00 \$ 20.00)<br/>Guest Editor: Prof. V B Gupta</p>                 | <p><b>6 Environmental Issues: Technology Options for Textile Industry</b><br/>(Published in 2001; Price: Rs 300.00 \$ 100.00)<br/>Guest Editor: Prof. R B Chavan</p>             |
| <p><b>2 Recent Advances in Spinning Technologies</b><br/>(Published in 1992; Price: Rs 100.00 £ 18.00 \$ 35.00)<br/>Guest Editor: Prof. K R Salhotra</p>        | <p><b>7 Emerging Trends in Polymers &amp; Textiles</b><br/>(Published in 2006; Price: Rs. 400.00 \$ 130.00)<br/>Guest Editors: Prof. R Chattopadhyay &amp; Dr Manjeet Jassal</p> |
| <p><b>3 Recent Advances in Fabric Forming</b><br/>(Published in 1994; Price: Rs 125.00 £ 30.00 \$ 40.00)<br/>Guest Editor: Prof. P K Hari</p>                   | <p><b>8 Innovations in Textile Machinery and Instrument</b><br/>(Published in 2008; Price: Rs. 340.00 \$ 80.00)<br/>Guest Editor: Prof. B K Behera</p>                           |
| <p><b>4 Recent Advances in Textile Chemical Processing</b><br/>(Published in 1996; Price: Rs 150.00 £ 40.00 \$ 60.00)<br/>Guest Editor: Prof. M L Gulrajani</p> | <p><b>9 Functional Clothing</b><br/>(Published in 2011; Price: Rs 540.00 \$ 100.00)<br/>Guest Editor: Dr Deepti Gupta</p>  |
| <p><b>5 Recent Advances in Technical Textiles</b><br/>(Published in 1997; Price: Rs 200.00 £ 50.00 \$ 75.00)<br/>Guest Editor: Prof. V K Kothari</p>            |  |

×—×—×—×—×—×—×

**Impact Factor (2019): 0.449**