

## Bio Data



1. Name and Designation : Arun Kumar Singh Gangwar  
Associate Professor
2. Date of Birth : 01.10.1965
3. Name of the Institution :Uttar Pradesh Textile Technology Institute, Kanpur
4. Department : Textile Technology
5. Field of Specialization : Textile Technology (**Spinning, Weaving, R&D, SQC, Design Development, Damage Analysis etc.**)
6. Technical Qualifications : M.Tech. (Textile Technology),
7. Industrial Experience : 7 Years & 4Months (Assistant Manager R&D in JCT Ltd Phagwara)
8. Teaching Experience : 18 Years  
(GCTI / UPTTI Kanpur)
9. Publications : **List Enclosed**

# Arun Kumar Singh Gangwar

## 1. LIST OF PUBLICATIONS-

### (A) International Journals-

<b>S.No</b>	<b>Title of paper</b>	<b>Authors</b>	<b>Journal</b>	<b>Page No. &amp; Vol.</b>
1.	Application of Non-woven Textiles in agriculture.	Kamal Kr. Gupta, Arun Kumar Singh Gangwar, Mahendra Uttam & Dr. Prashant	Pakistan textile journal	p/ 53-55, July 2007
2.	Influence of carding variables on openness and other properties of cotton fibres	Arun Kumar Singh Gangwar,	Pakistan textile journal	P / 48-51, Feb.2009
3.	Influence of carding parameters on fibre orientation sliver.	Arun Kumar Singh Gangwar & Prashant.	3 <sup>rd</sup> International Textile Conference at SSM college of engineering, Komarapalaya m. Tamil Naidu to be held on 28 <sup>th</sup> - 30 <sup>th</sup> Aug. 2009	Published in book of papers
4.	Influence of centrifugal force on yarn characteristics	Dr. Anju Katiyar, Devendra Prasad & A.K.S.Gangwar	Golden Research Thoughts	Sept2012

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## (B). National Journals

S.No.	Title of paper	Authors	Journal	Page No. & Vol.
1.	Prevention of foreign ends in PB Fabrics	Arun Kumar Singh Gangwar & Mahendra Uttam	The Textile Magazine	P / 53, Vol.42,No.10, Aug.2001
2.	Role of Temperature in Smart Textiles	Arun Kumar Singh Gangwar	work shop on “Smart Textiles & Instrumentation” organized by GCTI Kanpur sponsored by DSTE	P / 79-87, Dec. 9 <sup>th</sup> -19 <sup>th</sup> 2002
3.	Influence of fibre quality parameters on ring yarn characteristics.	Arun Kumar Singh Gangwar & Mahendra Uttam	The Textile Magazine	P / 68-69, Vol.45,No.4, Feb.2004
4.	Maximum realization out of left over grey yarn	Arun Kumar Singh Gangwar & Mahendra Uttam	Man Made Textiles in India	P / 191-192,Vol. XLVII No.5, May2004
5.	Influence of increase in D/F passages on ring yarn features.	Arun Kumar Singh Gangwar, Mahendra Uttam & Shraddha Awasthi	The Textile Magazine	P / 74-75,Vol.46 No.5, March2005
6.	Quality yarn by optimizing roving twist	Arun Kumar Singh Gangwar & Mahendra Uttam	The Textile Magazine	P / 41-42,Vol.46,No.7 , May2005
7.	Better yarn realization through optimization of Pneumafil waste in ring spinning	Arun Kumar Singh Gangwar & Mahendra Uttam	Man Made Textiles in India	P / 197-199,May2005
8.	Effect of single yarn strength on tensile strength of cotton fabric	Mahendra Uttam & Arun Kumar Singh Gangwar	Man Made Textiles in India	P / 30-34,Jan.2006
9.	Effect of blend composition on worsted yarn characteristic	Arun Kumar Singh Gangwar, Mahendra Uttam & Kamal Kr. Gupta	The Textile Magazine	P / 80-81, Vol.47,No.7,May2006
10.	Developments in medical textiles	Arun Kumar Singh Gangwar & Dr. Prashant	News & Views, OBA(regd)GC TI,Kanpur	P / 1-2, Vol.1,No.2,Jan .2007
11.	Widespread use of	Kamal Kr. Gupta,	The Textile	P / 114-115,

	woven textiles in agriculture	Arun Kumar Singh Gangwar, Mahendra Uttam & Dr. Prashant	Magazine	Vol.48,No.5,May2007
12.	Interactive Electronic Textile	K.K.Gupta & Arun Kumar Singh Gangwar,	The Textile Magazine	P / 98-100, Vol.48,No.10, Aug2007
13.	Sophisticated fibres	Arun Kumar Singh Gangwar, Mahendra Uttam & Dr. Prashant	News & Views, OBA(regd)GCTI,Kanpur	P / 1-2, Vol.2,No.2,Jan .2008
14.	Widespread use of Protective clothing in agriculture & horticulture	Arun Kumar Singh Gangwar & Dr. Prashant	All India seminar on futuristic textiles organized by The Institution of Engineers(India)	P / 88-91, 9 <sup>th</sup> & 10 <sup>th</sup> Feb. 2008
15.	Technical textiles in Agriculture & Horticulture	Mahendra Uttam, Arun Kumar Singh Gangwar, & Dr. Prashant	Textile review	P / 7-17, Vol. 3, Issue 5, May 2008.
16.	Application of formic acid: zero streaks in Polyester dyed Fabric.	Arun Kumar Singh Gangwar, Mahendra Uttam & Dr. Prashant	Dayanand Journal of Sciences (An International Journal of Sciences)	P / 145-148, Vol.1, No.1, July 2008.
17.	Developments in spinning	Mahendra Uttam, Arun Kumar Singh Gangwar, & Dr. Prashant	News & Views, OBA (regd) GCTI, Kanpur.	P / 1-3, Vol.3, No.1, Oct.2008
18.	Influence of carding parameters on openness and cleaning of cotton fibres	Arun Kumar Singh Gangwar,	The Textile Magazine	P / 51-54, Vol.50,No.4, Feb2009
19.	Enzymes in textiles	Alak Kumar Singh, Arun Kumar Singh Gangwar, & Mahendra Uttam	GENESIS2009 A National Symposium on Recent Technological Developments in Bio Process & Food	14-15 Feb. 2009

			Processing Industries organized by HBTI Kanpur.	
20.	Effect of Carding Parameters on Processibility of cotton fibres	AKSGangwar	Man Made Textiles in India	P / 317-322,September 2009.
21.	Application of knitted textiles in agriculture	Arun Kumar Singh Gangwar & Mahendra Uttam	Man Made Textiles in India	November 2009.
22.	Uster solutions	A.K.S.Gangwar	News & Views, OBA (regd) GCTI, Kanpur	P / 3-4&7, Vol. 4,No.2, January2010
23.	Enrichment of The “King of Fabric” by Sodium Alginate & its blend with Gaur Gum	PriyankaKesarwani ,ArchanaSingh & AKSGangwar	Journal of the Textile Association	P/14-18,Vol-71No.-1,May-June2010
24.	Eco friendly Golden fibre – Jute.	Arun Gangwar, M. Uttam & N.B.Singh	Man Made Textiles in India	P/122-126 April2011.
25.	Spider Fibres	M.Uttam & AKSGangwar	News & Views OBA (Regd)GCTI Kanpur.	P/2&6Vol 6., No.1, Oct.12011.
26.	Screen & covers in Agrotech-A Unique Use	Arun Kumar Singh Gangwar	MCUP & IE(I), Kanpur	P58-61, 3 <sup>rd</sup> June, 2012
27.	Influence of centrifugal force on yarn characteristics	Dr. Anju Katiyar, Devendra Prasad & A.K.S.Gangwar	Golden Research Thoughts	Sept2012
28.	Present status of some natural fibres	A.K.S.Gangwar	Fibre to finish	2013
29.	Polymeric Optical Fibres	Arun Kumar Singh Gangwar & M. Uttam	National Seminar in Shatabdi celebration UPTTI,Kanpur	1&2Nov,2014

## **2. SHORT TERM PROGRAMME / WORK SHOP ATTENDED**

- (i) NCUTE-(B.R.) programme held at GCTI Kanpur /Ministry of Textiles from 20-02-1999 to 21-02-1999.
- (ii) Short -Term programme on “Application of computer in textiles”. held at GCTI Kanpur/ISTE New Delhi from June 5-17, 2000.
- (iii) Short -Term programme on “Textiles in 21<sup>st</sup> century”. held at GCTI Kanpur/ISTE New Delhi from 3-07-2000 to 15-07-2000.
- (iv) Short -Term programme on “Technological developments in textiles”. held at GCTI Kanpur/ISTE New Delhi from Dec 24 –Jan 5<sup>th</sup> 2002.
- (v) Short -Term programme on “Eco-friendly Chemical Technologies”. held at HBTI Kanpur /AICTE New Delhi from March 11-24, 2002.
- (vi) Instructor Trg. Programme for one week by TUKATECH.INC.USA on 10<sup>th</sup> April 2002
- (vii) Short -Term programme on “Global Industrial Concepts in textiles”. held at GCTI Kanpur from 10-01-2005 to 21-01-2005.
- (viii) Work shop on “Consultancy and services sector: challenges and prospects” at hotel Land Mark Kanpur on 20-2-2006 organized by Consultancy Development Centre New Delhi & UPICO Kanpur sponsored by Department of Scientific & Industrial Research, Ministry of Science & Technology, Govt. of India.
- (ix) Work shop on “New Technology & Modifications in existing Knitting Machines” at UPTTI, Kanpur on 26-2-2007 organized by Hosiery Consultancy Clinic Kanpur & UPTTI, Kanpur.
- (x) TEQIP work shop on “Advances in fabric manufacturing process” organized by Department of Textile Technology, UPTTI, Kanpur from 20-10-2008 to 22-10, 2008..
- (xi) TEQIP work shop on “Modern analytical techniques for research and industry” organized by Department of chemistry, HBTI, Kanpur from Nov 10-14, 2008..
- (xii) TEQIP work shop on “Eco-Friendly wet processing in textile industry” organized by Department of Textile chemistry, UPTTI, Kanpur from Nov 24-26, 2008.

(xiii) TEQIP work shop on “Testing of adulterating materials in food items” organized by Department of Chemistry, UPTTI, Kanpur from March 2-4, 2009.

### **3. SEMINARS ATTENDED / PARTICIPATED-**

#### **(A.) INTERNATIONAL-**

International conference on “Futuristic trends in Textiles” organized by the department of Textile Technology, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar from 10-12 Dec.2007.

#### **(B) NATIONAL-**

- [1.] One day seminar sponsored by Paramount group on FUTURE TRENDS IN TEXTILE TESTING AND QUALITY CONTROL organized by NCUTE, I. I. T. New Delhi on 3<sup>rd</sup> Sept. 2002.
- [2] National seminar on “Indian Textiles: Vision 2020” organized by OBA (Regd) GCTI, Kanpur from Sept30th to Oct 1<sup>st</sup>, 2007
- [3.] All India seminar on “Futuristic Textiles” organized by The Institution of Engineers (India) at Merchant chamber’s U.P. Kanpur on 9<sup>th</sup> & 10<sup>th</sup> Feb.2008.
- [4.] One day seminar sponsored by GTZ Proklima on “**Phasing out of carbon tetra chloride**” at UPTTI, Kanpur on Sept. 12<sup>th</sup>, 2008
- [5.] National conference on “Advanced Polymers, Fibres and Fabrics” organized by DMSRDE, Kanpur from 26-28, Dec.2011.

### **4. PRESENTED PAPERS / LECTRURES DELIVERED IN SEMINARS / WORK SHOP -**

- (i) Presented paper on “Role of Temperature in Smart Textiles” in a work shop on “Smart Textiles & Instrumentation” organized by GCTI Kanpur sponsored by DSTE 9-19 Dec. 2002.
- (ii) Delivered lecture in TEQIP work shop on “Advances in fabric manufacturing process” organized by Department of Textile Technology, UPTTI, Kanpur from 20-10-2008 to 22-10, 2008
- (iii) Presented paper on “Maximum realization of PV Blends through Optimising the Processibility of PV fibres at carding stage” in National conference on “Advanced Polymers, Fibres and Fabrics” organized by DMSRDE, Kanpur from 26-28, Dec.2011
- (iv) Delivered lecture in work shop on “Tear, Bursting Abrasion test of Textiles” organized by Regional training Institute of Ordnance factory, Kanpur, on 21-1-2015.

## **5. SEMINARS / WORK SHOP ORGANISED-**

1. National seminar on “Indian Textiles: Vision 2020” organized by OBA (Regd) GCTI, Kanpur from Sept30th to Oct 1<sup>st</sup>, 2007.
2. All India seminar on “Futuristic Textiles” organized by The Institution of Engineers (India) at Merchant chamber’s U.P. Kanpur on 9<sup>th</sup> & 10<sup>th</sup> Feb.2008.
3. Worked as course coordinator in TEQIP work shop on “Textile Testing” organized by Department of Textile Technology, UPTTI, Kanpur from 3-2-2009 to 5-2, 2009.

## **6. LIFE MEMBERSHIP-**

Life membership of-

- (i) Old Boy’s Association (Regd.) GCTI Kanpur. L.M. No.-296.
- (ii) The Textile Association (India). U.P. L. M. – 431.
- (iii) The Institution of Engineers (India). M 129966 -7.