

# Appendix – I

**2016-17**



# THE TECHNOLOGICAL INSTITUTE OF TEXTILE & SCIENCES

Under UGC Section 2 (f) & 12 (B)  
Estd. in 1943 by Padma Vibhushan Dr. G.D. Birla

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	Online Link of Chapter/Book/Proceeding
1	Anil Kumar, Ritu Yadav		Elimination of Gray Hole Attack using Dynamic Credit based Technique in MANET	National conference on advances In Multidisciplinary Aspects Of science & Engineering (AMASE-2016)			2016		TIT&S Bhiwani		
2	Ruchi Sharma, Nidhi Sharma		A more private and secure e-mail system using image steganography and Data Mining	International Conference on Advances in information communication tech & computing (AICTC-2016)	International Conference on Advances in information communication tech & computing (AICTC-2016)	International Conference	2016		TIT&S Bhiwani		

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3	Nidhi Sharma, Dr.Ankit Kumar, Alok Sharma,		An improved password security scheme	International Conference on Advance computing & communication Technologies	International Conference on Advance computing & communication Technologies	International Conference	2016		TIT&S Bhiwani		
4	Nidhi Sharma		Designing a Cryptographic algorithm for privacy preserving in Data Mining	UGC sponsored National Conference on GCRSTS-2016	UGC sponsored National Conference on GCRSTS-2016	National Conference	2016		TIT&S Bhiwani		
5	Nidhi Sharma		Enhancing the Security Scheme-	National Conference on Advances in Multidisciplinary Aspects of Science & Engineering (AMASE-2016),	National Conference on Advances in Multidisciplinary Aspects of Science & Engineering (AMASE-2016),	National Conference	2016		TIT&S Bhiwani		

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7	Ashvani Goyal	Automation in Garment Manufacturing	Defense applications of manikin			INTERNATIONAL	2016	978-93-81505-72-4	TIT&S Bhiwani	Elsevier, Oxford UK	<a href="https://www.elsevier.com/books/automation-in-garment-manufacturing/nayak/978-0-08-101211-6">https://www.elsevier.com/books/automation-in-garment-manufacturing/nayak/978-0-08-101211-6</a>
8	Kunal Bansal and Ashvani Goyal		Coating in Textiles: A Review	Global challenges : Role of science & technology in imparting their solution	GCRSTS-2016	NATIONAL	2016	ISBN: 978-81-909307-	TIT&S Bhiwani	Vipin Prakashan, Rohtak, India	

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9	Ashvani Goyal, Meenakshi and Rajat Kumar	Air Filtration	Global challenges : Role of science & technolog y in imparting their solution	GCRSTS- 2017	NATI ONAL	2016	ISBN: 978-81- 909307-	TIT&S Bhiwani	Vipin Prakashan, Rohtak, India
10	Anil kumar, Rohit,Rupesh kumar,Ashvani Goyal	Bandage and its Various Types	Global challenges : Role of science & technolog y in imparting their solution	GCRSTS- 2018	NATI ONAL	2016	ISBN: 978-81- 909307-	TIT&S Bhiwani	Vipin Prakashan, Rohtak, India
11	Rajat Gupta and Ashvani Goyal	Medical Textiles: A Review	Global challenges : Role of science & technolog y in imparting their solution	GCRSTS- 2019	NATI ONAL	2016	ISBN: 978-81- 909307-	TIT&S Bhiwani	Vipin Prakashan, Rohtak, India
12	Nitish Sharma, Rupal and Ashvani Goyal	Aerospace Textiles	Global challenges : Role of science & technolog y in imparting their solution	GCRSTS- 2020	NATI ONAL	2016	ISBN: 978-81- 909307-	TIT&S Bhiwani	Vipin Prakashan, Rohtak, India

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14	Vijay Kumar Gupta and Ashvani Goyal		Textile Recycling	Global challenges : Role of science & technolog y in imparting their solution	GCRSTS- 2022	NATI ONAL	2016	ISBN: 978-81- 909307-	TIT&S Bhiwani	Vipin Prakashan, Rohtak, India	
15	Ashvani Goyal and Dinesh Kumar	Redefini ng Textilesc utting edge technolo gy of the future"	Energy efficient improvement in the spinning industry	Global challenges : Role of science & technolog y in imparting their solution	GCRSTS- 2023	NATI ONAL	2016	ISBN: 978-81- 909307-	TIT&S Bhiwani	Vipin Prakashan, Rohtak, India	

  
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16	Ashvani Goyal	Sustainable technologies for fashion and textiles	Effect of twist on abrasion resistance and snarling tendency of tancel/cotton blended ring and rotor spun doubled yarns	Redefining Textilecutting edge technology of the future"	RTECT-2019	INTERNATIONAL	2016	ISBN:978-93-5254-98	TIT&S Bhiwani		
17	Ajit Kumar Pattanayak	Redefining Textilecutting edge technology of the future"	An artificial neural network model for the prediction of air and water vapour permeability of knitted fabrics	Global challenges : Role of science & technology in imparting their solution	GCRSTS-2023	NATIONAL	2016	ISBN: 978-81-909307-	TIT&S Bhiwani	Vipin Prakashan, Rohtak, India	
21	Ashvani Goyal	Fibres to smart textiles: advances in manufacturing, technologies, and applications	Automation in Fabric Inspection			INTERNATIONAL	2017	978-0-08-101211-6	TIT&S Bhiwani	Elsevier, Oxford UK	<a href="https://www.sciencedirect.com/science/article/pii/B9780081012116000045">https://www.sciencedirect.com/science/article/pii/B9780081012116000045</a>

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3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years (10)

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	Online Link of Chapter/Book/Proceeding
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