

Appendix – I

2020-21



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	Akhil Kaushik, Dr. Vikas Thada & Dr. Jaswinder Singh		VG3 Cipher for Secure Image Transmission	IOP Science: Journal of Physics (JPCS) – Scopus Indexed	1st International Conference on Mechatronics and Artificial Intelligence (ICMAI- 2021)	International	2020	1742- 6596	TIT&S Bhiwani		
2	Anil Kumar, Dr. Ankit Kumar		Review Paper on study of wireless sensor network and its challenges	Indian science congress- Rohtak chapter on science and technology: Rural development (at	ICSTRD- 2020)		2020		TIT&S Bhiwani		
3	Anil Kumar, Dr. Ankit Kumar		Different approaches to energy management in wireless sensor network	International cloud conference	ICC-2020	International	2020		TIT&S Bhiwani		

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4	Monika Sharma, Dr. Sat Pal		Simulation of Performance Analysis of MongoDB, Pig, HIVE storage, MapReduce, Spark and Yarn	International Conference on SUSCOM-2019	International Conference on SUSCOM-2020	International Conference	2020		TIT&S Bhiwani		
5	Dr. Nidhi Sharma Dr. Jyoti Chaudhary and Dr. Monika Sharma		Impact of Artificial Intelligence in Garment and Apparel industry	International E-Conference RTT2020 on 18th September, 2020	International E-Conference RTT2020	International Conference	2020		TIT&S Bhiwani		
6	Nidhi Sharma		IT in Health Care: Opportunities & Challenges	3rd National Conference on "Medical Instrumentation, Biomaterials and Signal Processing"	3rd National Conference on "Medical Instrumentation, Biomaterials and Signal Processing"	National Conference	2020		TIT&S Bhiwani		


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7	Akhil Kaushik, Dr. Vikas Thada & Dr. Jaswinder Singh		Feature Selection using Adaptive Boosting for Sentiment Analysis	NA	Advancements & Modern Innovations in Engineering & Technology (AMIET-2020)	National	2020	NA	TIT&S Bhiwani	
8	Satvika, Dr. Vikas Thada & Dr. Jaswinder Singh		A Primer on Word Embedding	Springer's series (16171) - Algorithms for Intelligent Systems	Springer's International Conference on Data Intelligence and Cognitive Informatics (ICDICI-2020)	International	2020	978-981-15-8530-2	TIT&S Bhiwani	https://link.springer.com/book/10.1007/978-981-15-8530-2
9	Satvika, Dr. Vikas Thada & Dr. Jaswinder Singh		Twitter Opinion Mining of COVID-19 Pandemic in India during Lockdown Periods	IOP Science: Journal of Physics (JPCS) – Scopus Indexed	1st International Conference on Mechatronics and Artificial Intelligence (ICMAI-2021)	International	2020	1742-6596	TIT&S Bhiwani	https://iopscience.iop.org/issue/1742-6596/1950/1


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10	Ritu Yadav, Dr. Anil Dudy		Performanc e Analysis of Microstrip Patch Antenna with Aid of Metamateri al Structures		International cloud conference ICC-2020	Intern aional	2020		TIT&S Bhiwani	
11	Ritu Yadav, Dr. Anil Dudy		A Summary of Recent Developme nts on Metamateri al inspired Antennas for Future Communic ation	ICSTRD_2 020_Souve nir	ICSTRD- 2020	Intern aional	2020		TIT&S Bhiwani	
12	Ashvani Goyal, Rajkishor Nayak	Waste manage ment in fashion and textile industrie s	Sustainabili ty in yarn manufactur ing			INTE RNA TION AL	2020	ISBN: 978-0- 08- 102867-4	TIT&S Bhiwani	Elsevier, Oxford U K https://www.elsevier.com/books/waste-management-in-the-fashion-and-textile-industries/nayak/978-0-12-818758-6


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13	Ajit Kumar Pattanayak		Sustainability in fabric manufacturing			INTERNATIONAL	2020	ISBN: 978-0-08-102867-4	TIT&S Bhiwani	Elsevier, Oxford UK	https://www.sciencedirect.com/book/9780081028674/sustainable-technologies-for-fashion-and-textiles
14	Yamini Jhanji				International Journal for Modern Trends in Science & Technology	International	2020	ISSN: 2455-3778	TIT&S Bhiwani		10.46501/IJMTSTCIET28
15	Yamini Jhanji	Supply Chain Management and Logistics in the Global Fashion Sector	Sustainable fashion material procurement				2020	ISBN978 1003089 063	TIT&S Bhiwani	Elsvier	
16	Yamini Jhanji	Functional Textiles and Clothing	Moisture Management Properties of Ring Vis-à-vis Rotor Yarn Plated Knit				2020	978-981-15-9375-8	TIT&S Bhiwani		https://doi.org/10.1007/978-981-15-9376-5_4


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17	Ashvani Goyal	Global challenge: Role of science & technology in imparting their solution	Management of spinning and weaving wastes			INTERNATIONAL	2021	ISBN: 978-0-12-818758-6 (print), ISBN: 978-0-12-818759-3 (online)	TIT&S Bhiwani	Elsevier, Oxford UK	
18	Ajit Kumar Pattanayak		Investigation of Flammability Parameters of Different Types of Fabrics Using Digital Image Processing Technique	Recent Trends in Traditional and Technical Textiles	ICETT 2019	INTERNATIONAL	2021	978-981-15-9994-1 Online ISBN: 978-981-15-9995-8	TIT&S Bhiwani	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-15-9995-8_17
19	Amal Chowdhury		Manufacturing technologies and scope of advanced fibers	Recent Trends in Traditional and Technical Textiles	ICETT 2019	INTERNATIONAL	2021	978-981-15-9994-1 Online ISBN: 978-981-15-9995-8	TIT&S Bhiwani	Springer, Singapore	https://www.springerprofessional.de/en/manufacturing-technologies-and-scope-of-advanced-fibres/18773870

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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
1	Akhil Kaushik, Dr. Vikas Thada & Dr. Jaswinder Singh		VG3 Cipher for Secure Image Transmission	IOP Science: Journal of Physics (JPCS) – Scopus Indexed	1st International Conference on Mechatronics and Artificial Intelligence (ICMAI-2021)	International	2020	1742-6596	TIT&S Bhiwani		
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8	Satvika, Dr. Vikas Thada & Dr. Jaswinder Singh		A Primer on Word Embedding	Springer's series (16171) - Algorithms for Intelligent Systems	Springer's International Conference on Data Intelligence and Cognitive Informatics (ICDIET-2020)	International	2020	978-981-15-8530-2	TIT&S Bhiwani		https://link.springer.com/book/10.1007/978-981-15-8530-2



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9	Satvika, Dr. Vikas Thada & Dr. Jaswinder Singh		Twitter Opinion Mining of COVID-19 Pandemic in India during Lockdown Periods	IOP Science: Journal of Physics (JPCS) – Scopus Indexed	1st International Conference on Mechatronics and Artificial Intelligence (ICMAI-2021)	International	2020	1742-6596	TIT&S Bhiwani		https://iopscience.iop.org/issue/1742-6596/1950/1
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11	Ritu Yadav, Dr. Anil Dudy		A Summary of Recent Developments on Metamaterial inspired Antennas for Future Communication	ICSTRD_2020_Souve	ICSTRD-2020	International	2020		TIT&S Bhiwani		
12	Ashvani Goyal, Rajkishor Nayak	Waste management in fashion and textile industries	Sustainability in yarn manufacturing			INTERNATIONAL	2020	ISBN: 978-0-08-102867-4	TIT&S Bhiwani	Elsevier, Oxford UK	https://www.elsevier.com/books/waste-management-in-the-fashion-and-textile-industries/nayak/978-0-12-818758-6
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16	Yamini Jhanji	Functional Textiles and Clothing	Moisture Management Properties of Ring Vis-à-vis Rotor Yarn Plated Knit				2020	978-981-15-9375-8	TIT&S Bhiwani		https://doi.org/10.1007/978-981-15-9376-5_4
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