

The Technological Institute of Textile & Sciences Bhiwani



Affiliated to Maharishi Dayanand University, Rohtak, Haryana

3.3.2. Number of research papers per teachers in the Journals notified on UGC website during the last five years.

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THE TECHNOLOGICAL INSTITUTE OF TEXTILE & SCIENCES

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

Criteria 3

NAAC 2022/ DVV/ Criteria-3/3.3/3.3.2

Date: 09/06/2022

Criteria	Criteria 3- Research, Innovations and Extension
Key Indicator	3.3.2.1. Number of research papers in the Journals notified on UGC website during the last five years
Finding In DVV	Please add information in data template: 1) Whether the paper is listed in UGC Care list/Scopus/Web of Science/other 2) Link to the paper. 3) Link to the journal.
Response/ Clarification :	The details regarding Whether the paper is listed in UGC Care list/Scopus/Web of Science/other 2) Link to the paper. 3) Link to the journal is added in the table which is authenticated by the Director is attached (Appendix-I).
Description	Response Relevant Link :
The details regarding Whether the paper is listed in UGC Care list/Scopus/Web of Science/other 2) Link to the paper. 3) Link to the journal is added in the table which is authenticated by the Director is attached (Appendix-I).	http://titsbhiwani.ac.in/NAAC/dvv/3.3.2.pdf


Director

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Ref: DVV Clarification for Metric level: 3.3.2

Sub: Response to DVV Clarification for Metric level: 3.3.2

Number of research papers per teachers in the Journals notified on UGC website during the last five years

3.3.2.1. Number of research papers in the Journals notified on UGC website during the last five years.

HEI Input :

2020-21	2019-20	2018-19	2017-18	2016-17
31	15	26	21	17

DVV suggested Input :

2020-21	2019-20	2018-19	2017-18	2016-17
13	7	5	10	9

Change Input (Optional) :

2020-21	2019-20	2018-19	2017-18	2016-17
31	15	26	21	17

The details regarding Whether the paper is listed in UGC Care list/Scopus/Web of Science/other 2) Link to the paper. 3) Link to the journal is added in the table which is authenticated by the Director is attached (Appendix-I).


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Appendix – I



THE TECHNOLOGICAL INSTITUTE OF TEXTILE & SCIENCES

Under UGC Section 2 (f) & 12 (B)
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3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years (10)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
DESIGN AND IMPLEMENTATION OF DOS ATTACKS USING OPNET	Mukesh Kumar, Ritu Sharma	CSE	RMS JOURNAL OF MANAGEMENT & IT	2016	ISSN : 0975-4733	https://portal.issn.org/resourcelink/ISSN/0975-4733/	NA	UGC Care list/Scopus/Web of Science/other
RESEARCH PAPER BASED ON E-UTRAN ARCHITECTURE FOR LTE/ LTE-A NETWORK BASED ON OMNET++,	Mukesh Kumar, Deepti Kamra	CSE	INTERNATIONAL JOURNAL FOR RESEARCH & DEVELOPMENT IN TECHNOLOGY	2016	ISSN 2349-3585	https://www.ijrdt.org/	https://www.ijrdt.org/fullpaper/599/14/Research-Paper-Based-On-E-UTRAN-Architecture-for-LTE-LTE-A-Network-Based-On-OMNET/	UGC Care list/Scopus/Web of Science/other
DUAL CONNECTIVITY FOR LTE/LTE-ADVANCED HETEROGENOUS NETWORK	Mukesh Kumar	CSE	INTERNATIONAL JOURNAL FOR RESEARCH & DEVELOPMENT IN TECHNOLOGY	2016	ISSN 2349-3585	https://www.ijrdt.org/	NA	UGC Care list/Scopus/Web of Science/other
A Review on Secure Data Dissemination Protocols in Wireless Sensor Networks	Jasmine Kaur, Mukesh Kumar	CSE	INTERNATIONAL JOURNAL FOR RESEARCH & DEVELOPMENT IN TECHNOLOGY	2016	ISSN (O) :- 2349-3585	https://www.ijrdt.org/	https://www.ijrdt.org/	UGC Care list/Scopus/Web of Science/other
Enhancing the Diffie-Hellman Algorithm using Fermat's Theorem	Moni Tanwar & Akhil Kaushik	CSE	International Journal for Research and Development in Technology	2016	2349-3585	https://www.ijrdt.org/	NA	UGC Care list/Scopus/Web of Science/other
Introducing a new technique for making a secure steganosystem	Gopesh Sardana, Ms. Nidhi Sharma	CSE	International Journal of Modern Computer Science	2016	ISSN:2320-7868	http://globalimpactfactor.com/international-journal-of-modern-computer-science-2/	https://www.jetir.org/papers/JETIR1805179.pdf/	UGC Care list/Scopus/Web of Science/other
Image Based Steganography Using LSB Method and Java Based Encryption	Sangeeta, Ajit Singh	CSE	International Journal for Reserch & Development in Technology	2016	ISSN (O) :- 2349-3585	https://www.ijrdt.org/	NA	UGC Care list/Scopus/Web of Science/other
A Survey on LSB Based Image Steganography Using Java Encryption API	Sangeeta, Ajit Singh	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2016	ISSN (O) :- 2320-9801	https://www.ijirce.com/	NA	UGC Care list/Scopus/Web of Science/other
3-Level DWT Based Digital Image Watermarking	Deepika Sardana, Ajit singh	CSE	International Journal of Computer Science and Information Technologies	2016	ISSN: 0975-9646	http://ijcsit.com/	online DOI: https://doi.org/10.46501/IJMTST0609S35	UGC Care list/Scopus/Web of Science/other

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ACCURATE NUMERICAL SIMULATION OF HIGHER ORDER SOLITON DECOMPOSITION IN PRESENCE OF TOD AND SELF-STEPPENING	RAJEEV SHARMA, HARISH NAGAR, G P SINGH	ECE	International Journal of Advanced Research in Engineering and Technology	2016	0976-6499	https://www.iferp.in/publication/international-journal-advanced-research-engineering-technology-ijaret.php/	NA	Scopus
Investigation of Self-Frequency variation of Higher order Soliton in Optical fiber	RAJEEV SHARMA, HARISH NAGAR, G P SINGH	ECE	International Journal of Scientific & Engineering Research	2016	2229-5518	https://www.ijser.org/	NA	Scopus
Enzymatic Functionalization of Wool for Felting Shrink-Resistance	Amandeep Kaur, J. N. Chakraborty & Kashyap Kumar Dubey	FAE	Journal of natural fibers	2016	1544-0478	https://www.tandfonline.com/journals/wjnf20/	https://www.tandfonline.com/doi/abs/10.1080/15440478.2015.1043686?journalCode=wjnf20/	Scopus
Development and comparison of artificial neural network and statistical network	Jhanji Y., Gupta D. and Kothari V. K	FAE	Fashion & Textiles	2016	21980802	https://fashionandtextiles.sringeropen.com/	https://fashionandtextiles.sringeropen.com/articles/10.1186/s40691-016-0071-z/	Scopus
Consumer acceptance of apparel e-commerce-Ethiopia	Singh, N., Yadav, M., & Sahu, O.	FAE	Intellectual Economics	2016	1822-8011	https://journals.mruni.eu/index.php/ie/	https://www.sciencedirect.com/science/article/pii/S1822801116300145?via%3Dihub/	Scopus
Geosynthetic Textile for Environmental Concern: Application for Pollution Removal	Singh, N., & Sahu, O.	FAE	Journal of Water Resources and Environment Engineering	2016	2141-6613	https://academicjournals.org/journal/IJWREE/	https://www.academia.edu/32136444/Geosynthetic_Textile_for_Environmental_Concern_Application_for_Pollution_Removal/	UGC Care list/Scopus/Web of Science/other
Estimating Wordsworth as a Pantheist	Dr M K Nanda	APPLIED	Virtuoso	2016	2249-676	http://www.virtuoso-journal.com/	N.A.	UGC Care list/Scopus/Web of Science/other
REVIEWING AUTOMATIC TEST DATA GENERATION	Mukesh Kumar, Jyoti	CSE	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE AND COMPUTING	2017	XXXX -XXXX	https://ijesc.org/	NA	UGC Care list/Scopus/Web of Science/other
INVESTIGATION ON ENERGY EFFICIENT MAC PROTOCOLS FOR WIRELESS SENSOR NETWORKS	Mukesh Kumar, Meena Malik	CSE	INTERNATIONAL JOURNAL OF RECENT ENGINEERING RESEARCH AND DEVELOPMENT (IJRED)	2017	ISSN: 2455-8761	http://www.ijred.com/	http://www.ijred.com/papers/v2-i5/part-II/4-IJRED-B163.pdf	UGC Care list/Scopus/Web of Science/other

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Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
AN INVESTIGATION ON MOBILITY INFLUENCE ON MAC PROTOCOLS OF WIRELESS SENSOR NETWORKS	Mukesh Kumar, Meena Malik	CSE	INTERNATIONAL JOURNAL OF LATEST TECHNOLOGY IN ENGINEERING, MANAGEMENT & APPLIED SCIENCE (IJLTEMAS)	2017	ISSN No. 2278-2540	https://www.ijltemas.in/	https://www.ijltemas.in/DigitalLibrary/Vol.6Issue7/95-101.pdf	UGC Care list/Scopus/Web of Science/other
ENERGY CONSERVING SCHEMES FOR MAC LAYER IN WIRELESS SENSOR NETWORKS	Mukesh Kumar, Meena Malik	CSE	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE & ENGINEERING TECHNOLOGY (IJCSET)	2017	ISSN : 2229-3345	https://ijcset.net/	NA	UGC Care list/Scopus/Web of Science/other
OPTIMAL TEST CASE GENERATION IN MUTATION TESTING-A HYBRID ARTIFICIAL BEE COLONY-PENGUIN SEARCH OPTIMIZATION (ABC-PESO) APPROACH	Mukesh Kumar, Jyoti	CSE	JOURNAL OF ENGINEERING AND APPLIED SCIENCES	2017	ISSN : 1816949X (PRINT) ISSN : 18187803 (ONLINE)	http://medwelljournals.com/home.php/	https://medwelljournals.com/abstract/?doi=jeasci.2017.6635.6648	Scopus
COMPARING NATURE PROPELLED METAHEURISTIC MUTATION TESTING TECHNIQUES	Mukesh Kumar, Jyoti	CSE	INTERNATIONAL JOURNAL OF LATEST TECHNOLOGY IN ENGINEERING, MANAGEMENT & APPLIED SCIENCE (IJLTEMAS)	2017	ISSN 2278-2540	https://www.ijltemas.in/	NA	UGC Care list/Scopus/Web of Science/other
NATURE PROPELLED MUTATION TESTING TECHNIQUES: PESO AND ABC	Mukesh Kumar, Jyoti	CSE	INTERNATIONAL JOURNAL OF RESEARCH AND SCIENTIFIC INNOVATION (IJRSI)	2017	ISSN 2321-2705	www.rsisinternational.org/journal	https://www.rsisinternational.org/IJRSI/Issue44/145-151.pdf	UGC Care list/Scopus/Web of Science/other
Comparing Nature Propelled Meta-Heuristic Mutation Testing Techniques	Jyoti Chaudhary, Dr. Mukesh Kumar	CSE	International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS)	2017	ISSN: 2278-2540	https://www.ijltemas.in/	NA	UGC Care list/Scopus/Web of Science/other
Optimal Test Case Generation in Mutation Testing – A Hybrid Artificial Bee Colony – Penguin Search Optimization (ABC-PeSO) Approach	Jyoti Chaudhary, Mukesh Kumar	CSE	Journal of Engineering and Applied Sciences	2017	ISSN: 1816-949X	https://jeas.springeropen.com	NA	SCOPUS INDEXED

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A Critical Assessment on Block Cipher Modes	Akhil Kaushik & Satvika	CSE	International Journal of Engineering Science and Computing (IJESC)	2017	2321 -3361 (E) 2250 -1371 (P)	https://ijesc.org/	NA	UGC Care list/Scopus/Web of Science/other
Analysis of Security Schemes	Ms.Alok Sharma, Ms.Nidhi Sharma Dr.Ankit Kumar	CSE	IJMCS,vol4,issue3,june2016	2017	ISSN:2394-5745	NA	https://www.ijrd.org/upload/58293IJRDVLIS7-5725.pdf	UGC Care list/Scopus/Web of Science/other
Hundred Percent Secure and Pure Steganography without password protection	Ms.Alok Sharma, Ms.Nidhi Sharma Dr.V.K. Srivastava	CSE	Journal of Advancements in Robotics	2017	ISSN: 2455-1872.	http://computers.stmjournals.com/index.php?journal=JARB&page=index/	http://ijirce.com/admin/main/storage/app/pdf/wNgUje6TFrCw32F08fr77YIKWw8nleYhYJNn9H.pdf	UGC Care list/Scopus/Web of Science/other
An improved Authentication security scheme	Ms. Nidhi Sharma Dr.V.K. Srivastava Mr. Alok Sharma	CSE	Journal of Advancements in Robotics	2017	ISSN: 2455-1872.	http://computers.stmjournals.com/index.php?journal=JARB&page=index/	http://ijcsit.com/docs/Volume%207/vol7issue3/ijcsit20160703123.pdf	UGC Care list/Scopus/Web of Science/other
A Critical Assessment on Block Cipher Modes	Akhil Kaushik & Satvika	IT	International Journal of Engineering Science and Computing (IJESC)	2017	2250 -1371 (P)	https://ijesc.org/	https://ijesc.org/upload/62e549d91b15786925e5b9cca12442cd.A%20Critical%20Assessment%20on%20Block%20Cipher%20Modes.pdf/	other
Re-innovation of home-décor: Effect of process parameters on designing and development of computer assisted embroidered cushion covers	Khanna S & Kaur A	FAE	Daffodil International University Journal of Science and Technology	2017	1818-5878	https://www.banglajol.info/index.php/DIUJST/	NA	UGC Care list/Scopus/Web of Science/other
Sustainable fragrance cum antimicrobial finishing on cotton: Indigenous essential oil	Singh N, Yadav M, Khanna S and Sahu O	FAE	Sustainable Chemistry and Pharmacy	2017	2352-5541	https://www.sciencedirect.com/journal/sustainable-chemistry-and-pharmacy/	https://doi.org/10.1016/j.scp.2017.01.003	UGC Care list/Scopus/Web of Science/other
Optimization of monochlorotriazine β -cyclodextrin grafting on cotton and assessment of release behavior of essential oils from functionalized fabric	Khanna S & Chakraborty J. N.	FAE	Fashion & Textiles	2017	21980802	https://fashionandtextiles.springeropen.com/	https://fashionandtextiles.springeropen.com/articles/10.1186/s40691-017-0089-x/	UGC Care list/Scopus/Web of Science/other
Effect of fibre, yarn and fabric variables on heat and moisture transport properties of plated knit	Jhanji Y., Gupta D. and Kothari V. K	FAE	Indian Journal of Fibre and Textile Research	2017	0971-0426	http://nopr.niscair.res.in/handle/123456789/61/	http://nopr.niscair.res.in/handle/123456789/42741/	Scopus
Moisture management and wicking properties of polyester- cotton plated knits	Jhanji Y., Gupta D. and Kothari V. K	FAE	Indian Journal of Fibre and Textile Research	2017	0971-0426	http://nopr.niscair.res.in/handle/123456789/61/	http://nopr.niscair.res.in/bitstream/123456789/42062/1/IJFTR%2042%282%29%20183-188.pdf	Scopus
Anthropometric Size Chart for Ethiopian Girls for Better Garment Design	Alubel M, Yadav M, Singh N.	FAE	J Fashion Technol Textile Eng	2017	2329-9568	https://www.scitechnol.com/	https://www.scitechnol.com/peer-review/anthropometric-size-chart-for-ethiopian-girls-for-better-garment-design-Dhen.php?article_id=61271	Scopus



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Developments in application of enzymes for textile processing	Amit Madhu & J N Chakraborty	TC	Journal of Cleaner Production	2017	ISSN: 0959-6526	https://www.journals.elsevier.com/journal-of-cleaner-production/	https://www.sciencedirect.com/science/article/abs/pii/S0959652617300136/	Scopus
Stochastic and Cost-benefit Analysis of a Two-Unit Hot Standby Database System	Amit Manocha, Gulshan Taneja and Sukhvir Singh	APPLIED	International Journal of Performability Engineering	2017	ISSN 0973-1318	http://www.ijpe-online.com/	http://www.ijpe-online.com/EN/10.23940/ijpe.17.01.p5.6372/	
on traceability property of equidistant codes	Anu Kathuria, Sudhir Batra	APPLIED	Discrete Mathematics, Elsevier	2017	0012-365X	https://www.journals.elsevier.com/discrete-mathematics/	https://www.sciencedirect.com/science/article/pii/S0012365X16304204/	Scopus
A class of 2-FPCodes	Anu Kathuria, Sudhir Batra	APPLIED	Journal of information and Optimization sciences	2017	2169-0103	https://www.tandfonline.com/toc/tios20/current/	https://www.tandfonline.com/doi/abs/10.1080/02522667.2017.1316989	Scopus

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						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
Analysis of Hot Standby Database System with Standby Unit Under Constant Observation	Amit Manocha, AnilTaneja and Sukhvir Singh	APPLIED	Aryabhata Journal of Mathematics and Informatics	2018	ISSN(Print): 0975-7139,ISSN(Online): 2394-9309	https://www.aryanseducationtrust.com/	NA	Scopus
The Evolution of DNA Cryptology - A Review	Akhil Kaushik & Dr. Vikas Thada	CSE	International Journal of Electrical Electronics & Computer Science Engineering (UGC Approved)	2018	2348-2273 (E), 2454-1222(P)	http://ijece.iaescore.com/index.php/IJECE/	https://www.academia.edu/74217955/The_Evolution_of_DNA_Cryptology_A_Review	Scopus
A New Color based Symmetric Encryption Algorithm” Proceeding of JETIR, Volume-5, Issue-6, pp 1003-1009, Journal of Emerging Technologies and Innovative Research	Ajit singh, Kamal Sardana	CSE	Emerging Technologies and Innovative Research	2018	ISSN: (2349-5162)	https://journals.indexcopernicus.com/search/details?id=42422/	NA	UGC Care
A new colour based symmetric encryption algorithm	AJIT SINGH KAMAL SARDANA	ECE	Journal of Emerging technologies and innovative research	2018	2349-5162	https://journals.indexcopernicus.com/search/details?id=42423/	https://jetir.org/?gclid=CjwKCAjwv-GUBhAzEiwASUMm43FLBe4WmunkiUT03tzjj7bOrS2JWBFHH-NSiRwG6BNGqI9539BARoCuUIQAvD_BwE	UGC Care
A Comprehensive Review of Low Noise Amplifier(LNA Topologies)	Rohit Goel , Janak Kumar B. Patel	ECE	IJEECS	2018	P-ISSN: 2454-1222, E-ISSN: 2348-2273	https://ijeecse.webs.com/VS_N2-048.pdf/	https://ijeecse.webs.com/VS_N2-048.pdf	UGC Care list/Scopus/Web of Science/other
Power Analysis of ECC	Archana Parmar, Monika Sharma, Ritu Yadav	ECE	International journal of IJEECS (UGC Approved journal)	2018	2348-117X	NA	NA	UGC Care list/Scopus/Web of Science/other
Governance System for Failure Anticipation in Hybrid/Optical Networks	Satish Khatak Rajeev Sharma	ECE	International Journal of Advanced Research in Engineering and Technology	2018	ISSN Print:0976-6480	NA	NA	UGC Care list/Scopus/Web of Science/other

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Emerging Prospects of Photonic Crystal Fibers	Satish Khatak GP Singh	Dr.	ECE	International Journal of on Future Revolution in Computer Science & Communication Engineering	2018	ISSN No.2454-4248	http://www.ijfrcsce.org/index.php/ijfrcsce/	NA	UGC Care list/Scopus/Web of Science/other
Solitons in PCF	Satish Khatak GP Singh	Dr.	ECE	International Journal of Latest Trends in Engineering and Technology	2018	eISSN No.2278-621X	https://journals.indexcopernicus.com/search/details?id=31525/	NA	UGC Care list/Scopus/Web of Science/other
Dispersion Management in Photonic Crystal Fibers	Satish Khatak GP Singh	Dr.	ECE	International Journal of Electronics Engineering	2018	ISSN: 0973-7383	https://www.csjournals.com/?cat=2/	NA	UGC Care list/Scopus/Web of Science/other
Propagation of Femtosecond Pulses in Single Mode Fibers with Dispersion and Higher Order Nonlinearity	Satish Khatak Rajeev Sharma		ECE	International Journal of Advanced Research in Engineering and Technology	2018	ISSN Print: 0976-6480	https://www.iferp.in/publication/international-journal-advanced-research-engineering-technology-ijaret.php/	https://jaemepublication.wordpress.com/tag/ijaret/	UGC Care list/Scopus/Web of Science/other
PROPAGATION OF FEMTOSECOND PULSES IN SINGLE-MODE FIBERS WITH DISPERSION AND HIGHER-ORDER NONLINEARITY	Rajeev Sharma,Satish Khatak		ECE	International Journal of Advanced Research in Engineering and Technology	2018	0976-6499	https://jaemepublication.wordpress.com/tag/ijaret/	https://jaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_9_ISSUE_3/IJARET_09_03_004.pdf	UGC Care
GOVERNANCE SYSTEM FOR FAILURE ANTICIPATION IN HYBRID/OPTICAL NETWORKS	Rajeev Sharma,Satish Khatak		ECE	International Journal of Advanced Research in Engineering and Technology	2018	0976-6499	https://jaemepublication.wordpress.com/tag/ijaret/	https://jaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_9_ISSUE_1/IJARET_09_01_008.pdf	UGC Care
Numerical simulation and comparison for computing dark and bright soliton in the optical fiber	Rajeev Sharma		ECE	International Journal of Electronics Engineering	2018	0973-7383	https://www.csjournals.com/?cat=2/	http://www.csjournals.com/JEE/PDF10-1/32.%20Rajeev.pdf	UGC Care
Analytical Study and Simulation of TOD in Non linear Dispersive fibre	Rajeev Sharma		ECE	International Journal of Electronics Engineering	2018	0973-7383	https://www.csjournals.com/?cat=2/	http://www.csjournals.com/JEE/PDF10-1/33.%20Rajeev.pdf	UGC Care
Mosquito repellent activity of cotton functionalized with inclusion complexes of β -cyclodextrin citrate and essential oils	Khanna S & Chakraborty J. N.		FAE	Fashion & Textiles Journal	2018	21980802	https://fashionandtextiles.springeropen.com/	https://doi.org/10.1186/s40691-017-0125-x	Scopus

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Effect of Sewing Process on Tensile Properties of Sewing Threads in Denim Garment	Trivedi V. Singh GP and Khanna S	FAE	JTA	2018	0368-4636	https://textileassociationindia.org/journal/	NA	Scopus
Prediction of thermo-physiological properties of plated knits by different neural network architectures	Jhanji Y., Gupta D. and Kothari V. K	FAE	Indian Journal of Fibre and Textile Research	2018	0971-0426	http://nopr.niscair.res.in/handle/123456789/61/	http://nopr.niscair.res.in/handle/123456789/44001/	Scopus
Thermal and mass transport properties of polyester-cotton plated fabrics in relation to back layer fibre profiles	Jhanji Y., Gupta D. and Kothari V. K	FAE	Journal of the Textile Institute	2018	ISSN 0040-5000	https://www.tandfonline.com/toc/titi20/current/	https://www.tandfonline.com/doi/abs/10.1080/0040500.2017.1363948?journalCode=titi20/	Scopus
Antibacterial activity assessment of woolen fabric treated with natural dyes and chitosan	Manisha Yadava , Nagender Singh , Amandeep Kaur, Omprakash Sahu	FAE	Agriculture and natural resource,	2019	2468-1458	https://www.sciencedirect.com/journal/agriculture-and-natural-resources/	https://ii01.tci-thaijo.org/index.php/anres/article/view/229956/	Scopus
Aroma cum antibacterial finishing of Cotton with inclusion complex of β -Cyclodextrin-co-chitosan and oil of Lavender	Khanna S & Kaur A	FAE	Daffodil International University Journal of Science and Technology	2019	1818-5878	https://www.banglajol.info/index.php/DIUJST/	http://dspace.daffodilvarsity.edu.bd:8080/handle/123456789/3140/	UGC Care list/Scopus/Web of Science/other
Functionalization of wool fabric using kapok flower and bio-mordant	Singh, G., Mathur, P., Singh, N., & Sheikh, J.	FAE	Sustainable Chemistry and Pharmacy	2019	2352-5541	https://www.sciencedirect.com/journal/sustainable-chemistry-and-pharmacy	https://doi.org/10.1016/j.scp.2019.100184	UGC Care list/Scopus/Web of Science/other
Comparitive Analysis of Vertical Fragmentation techniques in Distributed Environment	Mukta Goel , Shalini Bhaskar Bajaj	IT	IJEECSE	2018	P-ISSN: 2454-1222, E-ISSN: 2348-2273	http://journalseeker.researchbib.com/view/issn/2454-1222/	NA	UGC Care list/Scopus/Web of Science/other
A Contemporary Review on Aspect-Based Sentimental Analysis	Satvika & Dr. Vikas Thada	IT	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	2349-5162	https://journals.indexcopernicus.com/search/details?id=42422	https://www.jetir.org/view.php?paper=JETIR1807685/	UGC Care list/Scopus/Web of Science/other
Enzyme washing of indigo and sulphur dyed denim	A K Patra, Amit Madhu & Neeraj Bala	TC	Fashion & Textiles	2018	ISSN: 2198-0802	https://fashionandtextiles.sringeropen.com	https://doi.org/10.1186/s40691-017-0126-9	UGC Care list/Scopus/Web of Science/other
Recover & reuse of α -amylase enzyme for cotton fabric desizing using immobilization	Amit Madhu & J N Chakraborty	TC	Research Journal of Textile & Apparel	2018	ISSN: 1560-6074	https://www.emerald.com/insight/publication/issn/1560-6074	https://doi.org/10.1108/RJT-12-2017-0052	UGC Care list/Scopus/Web of Science/other

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Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
Sustainable Functional Coloration of Linen Fabric Using Kigelia Africana Flower Colorant	Sheikh, J., Singh, N., & Pinjari, D.	FAE	Journal of Natural Fibers	2019	1544-046X	https://www.tandfonline.com/toc/wjnf20/current	https://doi.org/10.1080/15440478.2019.1658260	Scopus
Functional Dyeing of Cellulose-based (Linen) Fabric Using Bombax Ceiba (Kapok) Flower Extract	Sheikh, J., Singh, N., & Srivastava, M.	FAE	Fibers and Polymers	2019	1875-0052	https://www.springer.com/journal/12221/	https://link.springer.com/article/10.1007/s12221-019-8294-4/	Scopus
Bio-Bleaching of Cotton with H2O2 generated from Native and Immobilized Glucose Oxidase	Amit Madhu & J N Chakraborty	TC	AATCC Journal of Research	2019	ISSN 2330-5517 (Print)	https://www.aatcc.org/journal/	https://journals.sagepub.com/doi/10.14504/ajr.6.2.2?cid=int-si-full-text-similar-articles.3	Scopus
Quality aspects of viscose yarns produced on different spinning system	Ashvani Goyal, Sangeeta Goyal	TT	International Journal of Research and Analytical Reviews (IJRAR)	2019	E-ISSN 2348-1269, P-ISSN 2349-5138		https://ijrar.org/viewfull.php?&p_id=IJRAR2002509/	UGC Care list/Scopus/Web of Science/other
Prediction and analysis of compression behavior of warp knitted spacer fabric with cylindrical surfaces	Mrinal K Datta, B K Behera, Ashvani Goyal	TT	Journal Of Industrial Textile	2019	ISSN: 1528-0837; Online ISSN: 1530-8057	https://journals.sagepub.com/home/jit	https://journals.sagepub.com/doi/10.1177/1528083718769936	Scopus
Characterization of warp knitted spacer fabric for application in sports bra	Mrinal K Datta, B K Behera, Ashvani Goyal	TT	Fibers and Polymers	2019	ISSN: 1229-9197	https://www.springer.com/journal/12221/	https://link.springer.com/article/10.1007/s12221-019-9039-0/	Scopus
Studies On Effect Of Ring Frame Drafting Parameters On Yarn Faults Using Factorial Design Technique	Dr Suman Bhattacharyya and Chandra prakas	TT	International Journal of Advance Engineering and Research Development (IAERD)	2019	online 2348-4470	http://www.iaerd.com/index.php/IAERD/	http://www.iaerd.com/index.php/IAERD/	UGC Care list/Scopus/Web of Science/other
Modelling and Analysis of Two Unit Hot Standby Database System with Random Inspection of Standby Unit	Amit Manocha, Gulshan Taneja, Sukhvir Singh and Rahul Rishi	APPLIED	International Journal of Mathematics in Operational Research	2019	ISSN(Print): 1757-5869, ISSN(Online): 1757-5850	https://www.inderscience.com/home.php?icode=ijmor/	DOI: 10.1504/IJMOR.2019.101618/	UGC Care list/Scopus/Web of Science/other

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In situ decoration of silver nanoparticles on single-walled carbon nanotubes by microwave irradiation for enhanced and durable anti-bacterial finishing on cotton fabric	Anil Kumar Jasvir Dalala Sajjan Dahiya, Rajesh Punia K.D.Sharma Anil Ohlan A.S.Maan	APPLIED	Ceramics International	2019	0272-8842	https://www.journals.elsevier.com/ceramics-international/	https://www.sciencedirect.com/science/article/pii/S0272884218327573/	Scopus
Coating of multi-walled carbon nanotubes on cotton fabric via conventional dyeing for enhanced electrical and mechanical properties	Anil Kumar, Jasvir Dalal, Sajjan Dahiya, Amal Chowdhury, A. Khandual, Anil Ohlan, Rajesh Punia, and A. S. Maan	APPLIED	API Conference Proceedings	2019	1551-7616 (web)	https://aip.scitation.org/toc/apc/1945/1?size=all/	https://aip.scitation.org/doi/abs/10.1063/1.5122532/	UGC Care list/Scopus/Web of Science/other
VG1 Cipher – A DNA Indexing Cipher	Akhil Kaushik & Dr. Vikas Thada	CSE	International Journal of Innovative Technology & Exploring Engineering (IJITEE)	2020	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i3/C7979019320.pdf/	Scopus
Artificial Intelligence Design Suggestions for Apparel Retail Counters	Dr. Nidhi Sharma and Dr. Alok Sharma	CSE	International Journal for Modern Trends in Science and Technology	2020	ISSN:2455-3778	http://www.ijmtst.com/	NA	UGC Care list/Scopus/Web of Science/other
Cloud Data Double Security using DES and ECC	Archana Singh ,Monika Sharma	IT	International journal of Creative Research Thoughts	2020	ISSN 2320-2882	https://ijcrt.org/?gclid=CjwKCAiwv-GUBhAzEiwASUMm4v2tUoznPciYHaVgQQypcboZhOcPUzal464aj_WtQM9k7WNbZU8IFxoCO0YQAvD_BwE/	https://ijcrt.org/viewfull.php?p_id=IJCRT2004604/	UGC Care list
Intelligent Textiles and its Applications: An Overview	Satish Khatak	ECE	International Journal for Modern Trends in Science and Technology	2020	ISSN: 2455-3778 online	http://www.ijmtst.com/	https://doi.org/10.46501/IJMTST0609S11/	UGC Care list/Scopus/Web of Science/other
Selection of tool transverse speed considering trial run experimentations for AZ61/Tic composite developed via friction stir processing using triangular tool	PREM SAGAR	ME	Materials Today: Proceedings	2020	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings/	https://www.researchgate.net/publication/343344591_Selection_of_tool_transverse_speed_considering_trial_run_experimentations_for_AZ61_Tic_composite_developed_via_friction_stir_processing_using_triangular_tool https://doi.org/10.1016/j.matpr.2020.06.537	UGC Care list/Scopus/Web of Science/other

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Role of tool rotational speed on the tribological characteristics of magnesium based AZ61A/TiC composite developed via friction stir processing route	PREM SAGAR	ME	The Journal of Achievements in Materials and Manufacturing Engineering	2020	ISSN 1734-8412	https://journalamme.org/resources/html/	https://journalamme.org/resources/html/article/details?id=209288	UGC Care list/Scopus/Web of Science/other
International Title: A comprehensive review of recent progress in fabrication of magnesium base composites by friction stir processing technique—A review	PREM SAGAR	ME	AIMS Materials Science	2020	2372-0484	https://www.aimspress.com/journal/Materials/	https://www.aimspress.com/article/doi/10.3934/mat.2020.5.684	UGC Care list/Scopus/Web of Science/other
Functionalization of wool fabric using lignin biomolecules extracted from groundnut shells	Bhushan, S., Kumar, A., Singh, N., & Sheikh, J.	FAE	International journal of biological macromolecules	2020	0141-8130	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules/	https://doi.org/10.1016/j.ijbio.2019.09.130	Scopus
Functionalization of Linen Fabric using Layer by Layer treatment with chitosan and green tea extract	Saini, S., Gupta, A., Singh, N., & Sheikh, J.	FAE	Journal of Industrial and Engineering Chemistry	2020	1226-086X	https://www.sciencedirect.com/journal/journal-of-industrial-and-engineering-chemistry/	https://doi.org/10.1016/j.jiec.2019.10.005/	Scopus
A Reliability Model for a Two Dissimilar Units series system with Repair Time- Dependent Standby	Amit Manocha, Anil Taneja and Jai Bhagwan	APPLIED	International Journal of Engineering and Advance Technology	2020	ISSN: 2249-8958	https://www.ijeat.org	https://www.ijeat.org/wp-content/uploads/papers/v9i3/B4031129219.pdf	UGC Care list/Scopus/Web of Science/other
Writing Academic Essays	Lalesh Nanda, Dr M K Nanda	APPLIED	Journal of English Language Teaching	2020	0973-5308	http://eltai.in/journal-english-language-teaching/	N.A.	UGC Care list/Scopus/Web of Science/other
Controlled nano-particle dyeing of cotton can ensure low cytotoxicity risk with multi-functional property enhancement	A.Khandual, N.Rout, S.K.Verma, P.Patel, P.Pattanaik, Y.Luximon, A.Kumar R.K.Nayak M.Suar	APPLIED	Materials today Chemistry	2020	24685194	https://www.journals.elsevier.com/materials-today-chemistry/	https://www.sciencedirect.com/science/article/abs/pii/S2468519420301051/	UGC Care list/Scopus/Web of Science/other
VG4 Standard for Digital Data Encryption	Akhil Kaushik & Dr. Vikas Thada	CSE	International Journal of Advanced Computer Science and Applications (IJACSA)	2021	2156-5570	https://thesai.org/Publications/IJACSA	https://thesai.org/Downloads/Volume12No4/Paper_17-VG4_Cipher_Digital_Image_Encryption_Standard.pdf	Scopus

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DESIGN AND SIMULATION OF A NOVEL STRUCTURE UWB PATCH ANTENNA	Ritu Yadav, Dr. Anil Dudy, Anil Yadav	CSE	Dogo Rang Sang	2021	2347-7180	http://www.drsrcjournal.com/?i=1/	NA	UGC Care list
A Review on Trending Attacks: Phishing and Vishing Attack	Archana Singh ,Monika Sharma	IT	International journal of Research and Analytical Review	2021	E-ISSN 2348-1269, P-ISSN 2349-5138		NA	UGC Care list/Scopus/Web of Science/other
A Contemporary Ensemble Aspect-Based Opinion Mining Approach for Twitter Data	Satvika, Dr. Vikas Thada & Dr. Jaswinder Singh	IT	International Journal of Advanced Computer Science and Applications (IJACSA)	2021	2156-5570 (Online) 2158-107X (Print)		https://thesai.org/Publications/Vol12Issue5&issue=12&issue=5&code=IJACSA/	UGC Care list/Scopus/Web of Science/other
DESIGN AND SIMULATION OF A NOVEL STRUCTURE UWB PATCH ANTENNA	Ritu Yadav, Dr. Anil Dudy, Anil Yadav	ECE	Dogo Rang Sang	2021	2347-7180	http://www.drsrcjournal.com/?i=1/	NA	UGC Care list
DESIGN AND SIMULATION OF RECTANGULAR SPLIT RING RESONATOR STRUCTURE OF METAMATERIAL	Ritu Yadav, Dr. Anil Dudy	ECE	Dogo Rang Sang	2021	2347-7180	http://www.drsrcjournal.com/?i=2	NA	UGC Care list/Scopus/Web of Science/other
Corporate Social Responsibility - Buzzword for Business	Satish Khatak Monika Sharma	ECE	Gradiva Review Journal	2021	ISSN No. 0363-8057	http://gradivareview.com/	NA	UGC Care list/Scopus/Web of Science/other
Prediction of wear resistance model for magnesium metal composite by response surface methodology using central composite design	PREM SAGAR	ME	World Journal of Engineering	2021	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284/	https://www.emerald.com/insight/content/doi/10.1108/WJE-08-2020-0379/full/html#DOI=10.1108/WJE-08-2020-0379	UGC Care list/Scopus/Web of Science/other
Metallurgical, mechanical and tribological behavior of Reinforced magnesium-based composite developed Via Friction stir processing	PREM SAGAR	ME	Part E: Journal of Process Mechanical Engineering	2021	0954-4089	https://journals.sagepub.com/home/pla/	https://journals.sagepub.com/doi/abs/10.1177/09544089211063099/	UGC Care list/Scopus/Web of Science/other
Magic Fashion mirror: A new approach for fashion wardrobe make over through rejuvenated brick-n-mortar fashion retail approach	Shelly Khanna, Amandeep Kaur	FAE	JTA	2021	0368-4636	https://textileassociationindia.org/journal/	NA	Scopus
Wearable BioInstrumentation: Next generation Medical responsive textiles	Shelly Khanna, Amandeep Kaur and J N Chakraborty	FAE	Asian Technical Textiles	2021	9713425	https://www.atjournal.com/	NA	UGC Care list/Scopus/Web of Science/other

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Evaluation and designing of mosquito repellent home textiles produced from cotton blended fabrics	Shelly Khanna, Amandeep Kaur	FAE	Colourage	2021	101826	https://colourpublications.in/product/colourage/	NA	Scopus
Moisture management properties of ring vis a vis rotor yarn plated knit structures	Jhanji Y., Gupta D. and Kothari V. K	FAE	Indian Journal of Fibre and Textile Research	2021	0971-0426	http://nopr.niscair.res.in/handle/123456789/61/	http://nopr.niscair.res.in/handle/123456789/56434/	Scopus
Recreation of Traditional Textile's Splendor in Contemporary Female Knitted Casualwear	Y Jhanji	FAE	Latest trends in Textile & Fashion Designing	2021	ISSN: 2637-4595	https://lupinepublishers.com/fashion-technology-textile-engineering/	NA	UGC Care list/Scopus/Web of Science/other
Smart Sportswear - Theactivity trackers	Achala Jaglan & Yamini Jhanji	FAE	Journal of the Textile Association	2021	ISSN:0368-4636	https://textileassociationindia.org/journal/	NA	Scopus
Multifunctional Linen Fabric Obtained through Finishing with Chitosan-gelatin Microcapsules Loaded with Cinnamon Oil	Singh, N., & Sheikh, J.	FAE	Journal of Natural Fibers	2021	1544-046X	https://www.tandfonline.com/toc/wjn-f20/current	https://doi.org/10.1080/15440478.2020.1870625	Scopus
Sustainable development of mosquito-repellent, flame-retardant, antibacterial, fragrant and antioxidant linen using microcapsules containing Thymus vulgaris oil in in-situ generated chitosan-phosphate	Singh, N., & Sheikh, J.	FAE	Cellulose	2021	1572-882X	https://www.springer.com/journal/10570	https://doi.org/10.1007/s10570-020-03629-1	Scopus
Durable multifunctional finishing of fabric using β -cyclodextrin-grafted chitosan and lemongrass (cymbopogon citratus) oil.	Singh, N., Ratnapandian, S., & Sheikh, J.	FAE	Cellulose Chemistry and Technology	2021	0576-9787	https://www.cellulosechemtechnol.ro	https://cellulosechemtechnol.ro/pdf/CCT1-2(2021)/p.177-184.pdf	UGC Care list/Scopus/Web of Science/other
Cleaner Production of Dyed and Functional Polyester using Natural dyes vis-a-vis exploration of secondary shades.	Tambi, S., Mangal, A., Singh, N., & Sheikh, J.	FAE	Progress in Color, Colorants and Coatings	2021	2383-1790	http://pccc.icrc.ac.ir/	10.30509/PCCC.2021.81700/	UGC Care list/Scopus/Web of Science/other
Microencapsulation and its application in production of functional textiles	Singh, N., & Sheikh, J.	FAE	Indian Journal of Fibre & Textile Research (IJFTR)	2021	0971-0426	http://nopr.niscair.res.in/handle/123456789/61/	http://nopr.niscair.res.in/handle/123456789/55877/	Scopus

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Wickability of Tencel, Polyester and Cotton fibre yarns spun on ring and rotor spinning system	Ashvani Goyal & Ritu Sharma	TT	Journal of Textile Association	2021	ISSN: 0368-4636; e-ISSN: 2347-2537	https://textileassociationindia.org/journal/	http://textileassociationindia.org/wp-content/uploads/2021/08/e-journal-Mar-Apr-21.pdf/	Scopus
Tencel blended ring spun yarns	Ashvani Goyal & Ritu Sharma	TT	Asian Textile Journal	2021	ISSN: 0971-3425	https://www.atjournal.com/	https://www.atjournal.com/images/content-page-july-august-2021.pdf/	Scopus
Abrasion resistance of Tencel blended ring spun yarns	Ashvani Goyal & Ritu Sharma	TT	Melliand International	2021	ISSN: 0947-9163	https://textination.de/en/textile-technology/melliand-international/overview/	https://www.textiletechnology.net/epaper/technical-textiles/33/epaper/melliand-international-32021/4/index.html/	Scopus
Thermal comfort properties of soybean, soybean & polyester and soybean & wool blended plain- woven fabrics dyed with 1:2 metal complex dyes	Asish Bhardwaj, Arun Kumar Patra & Ajit Kumar Pattanayak	TT	The Journal of the Textile Association	2021	ISSN: 0368-4636; e-ISSN: 2347-2537	https://textileassociationindia.org/journal/	https://textileassociationindia.org/wp-content/uploads/2021/08/e-journal-Jan-Feb-21.pdf	Scopus

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