



DVV CLARIFICATIONS 3.3.1

3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the last five years		
Links for paper landing to the Paper/Article Year 2021-22		
Title of paper	Name of the author/s	Links for paper landing to the Paper/Article
Parametric Investigation and Optimization of Revolving Tools-Based Magnetorheological Finishing Process for External Cylindrical Surface of Printing Machine Roller Made of Copper	Gagandeep Singh, Arvind Jayant and Manpreet Singh	https://journals.sagepub.com/doi/abs/10.1177/09544089231161464
Magnetorheological Fine Finishing of Steering Rack Bar for Improving its Functional Operation	Manpreet Singh and Sunil Kumar Paswan	https://journals.sagepub.com/doi/abs/10.1177/09544089221137425
Magnetorheological Finishing of Aluminium Cylindrical Roller for Enhanced Performance of Printing Operation	Manpreet Singh and Sunil Kumar Paswan	https://journals.sagepub.com/doi/abs/10.1177/09544089221093010
CNTFET Based 4-Trit Hybrid Ternary Adder-Subtractor for low Power & High-Speed Applications	Suman Rani and Balwinder Singh	https://link.springer.com/article/10.1007/s12633-020-00911-6
CNTFET Based Ternary 1-Trit & 2-Trit Comparators for Low Power High-Performance Applications	Suman Rani, Balwinder Singh & Rekha Devi	https://link.springer.com/article/10.1007/s42341-021-00292-6
Review of Application Industrial Robots	H S Gill and Arshdeep Singh Kalsi	https://drive.google.com/file/d/1QD-ewOdyPNrFRKH4syQzrK0jjRojoZxo/view
Links for paper landing to the Paper/Article Year 2019-20		
On the search of smallest QC-LDPC code with girth six and eight	Jasvinder Singh, Manish Gupta and Jaskarn Bhullar	https://link.springer.com/article/10.1007/s12095-019-00405-2
Construction of girth-8 (3, L)-QC-LDPC codes of smallest CPM size using column multipliers	Jasvinder Singh, Manish Gupta and Jaskarn Bhullar	https://link.springer.com/article/10.1007/s10623-019-00667-0



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Links for paper landing to the Paper/Article Year 2018-19

Parameterized Comparison of Nano Transistors Based on CNT and GNR Materials: Effect of Variation in Gate Oxide Thickness and Dielectric Constant	Anjana kumari, Suman Rani and Balwinder singh	https://link.springer.com/article/10.1007/s11664-019-07062-4
Enhancing Biocompatibility and Corrosion Resistance of Ti-6Al-4V Alloy by Surface Modification Route	Tejinder Pal Singh Sarao, Harpreet Singh & Hazoor Singh	https://link.springer.com/article/10.1007/s11666-018-0746-7

Links for paper landing to the Paper/Article Year 2017-18

Ternary Logic Design Approach: From CMOS to CNTFET	Suman Rani, Gagandeep Kaur, Balwinder Singh Lakha	https://techjournals.stmjournals.in/index.php/JoNSNEA/article/view/140
Investigation of Schottky Barrier, Conventional and Tunnel Carbon Nanotube Field Effect Transistor for Low Power Design	Suman Rani and Balwinder Singh	https://www.ingentaconnect.com/content/asp/jno/2018/00000013/00000001/art00010#trendmd-suggestions
Construction of New Quantum MDS Codes Derived from Constacyclic Codes	Divya Taneja, Manish Gupta, Rajesh Narula, Jaskaran Bhullar	https://www.worldscientific.com/doi/10.1142/S0219749917500083

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