



NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

APPROVED BY AICTE, NEW DELHI AND DEPT OF SCIENCE & TECHNOLOGY, GOVT. OF BIHAR
AFFILIATED TO ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA
AMHARA, BIHTA, PATNA-801118, BIHAR

3.3.1 Number of research papers published per teacher in the Journals notified on UGC CARE list during the last five years

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar 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	Is it listed in UGC Care list
1. Development of a stable and optimised voltage and frequency controller for a self-excited induction generator system	Jyotirmayee Dalei & Kanungo Barada Mohanty	EEE	International Journal of Ambient Energy	2023	2162-8246	link	link	yes
2. An Efficient Method for Feature Extraction and Selection in Power Quality Recognition	Jyotirmayee Dalei & Garima Sahu	EEE	Electric Power Components and Systems	2022	1532-5016	link	link	yes

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3. A Mathematical Model Explains the Prognostic Influence of C1q Polymorphism on Rituximab Treatment of Nodular Lymphoma	Pushpam Sinha	Mechanical E	World Wide Journal of Multidisciplinary Research And Development	2022	2454-6615	link	link	yes
4. A Machine Learning Approach to Predict the Performance of Refrigerator and Air Conditioning Using Gaussian Process Regression and Support Vector Methods	Harinarayan Sharma, Sonam Kumari, Aniket K. Dutt, Pawan Kumar , E. Makhatha	Mechanical E	Recent Patents on Mechanical Engineering	2021	2212-7976	link	link	yes
5. Prediction of surface roughness for CNC turning of AISI 1030 steel: A machine learning approach	H. SHARMA, A. SAHAY, S. KUMARI, A.K. DUTT	Mechanical E	Journal of Metallurgy and Materials Science	2021	0972-4257	link	link	yes
6. On a weakly L-stable time integration formula coupled with nonstandard finite difference scheme with application to nonlinear parabolic partial differential equations	Mukesh Kumar Rawani, Lajja Verma, Amit Kumar Verma, Ravi P. Agarwal	Applied Scien	Mathematical Methods in The Applied Sciences	2021	1099-1476	link	link	yes
7. Optimization of Test Procedure for Simulation of Paper Laminate in Axial Loading Conditions Using FRANC2D and CASCA	Pawan Kumar, Bipin Bihari Verma, Manvendra Tiwari, Srijan Sengupta, A.K. Dutt and M.E. Makhatha	Mechanical E	Key Engineering Materials	2021	1662-9795	link	link	yes
8. Restoration Mechanism and Sub-Structural Characteristics of Duplex Stainless Steel with an Initial Equiaxed Austenite Morphology during Post-Deformation Annealing	Pawan Kumar, Peter Hodgson, Hossein Beladi, Amit Roy Chowdhury, M.E. Makhatha, A.K. Dutt	Mechanical E	Key Engineering Materials	2021	1662-9795	link	link	yes
9. The impact of Arabic language on Hindi: An Investigation	S. Hasan Imam Arshi	Applied Scien	Langlit	2021	2349-5189	link	link	yes

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10. Prediction of the Propagation of Fatigue cracks in Part-Through cracked Pipes with CASCA and FRANC2D	Pawan Kumar, Manmookho Elizabeth Makhata, Srijan Sengupta and Aniket Kumar Dutt	Mechanical E	Transactions of Indian Institute of Metals	2020	12666-020-01886-z	link	link	yes
11. A review on a class of second order nonlinear singular BVPs	Amit K. Verma, Biswajit Pandit, Lajja Verma, Ravi P. Agarwal	Applied Scien	Mathematics	2020	2227-7390	link	link	yes
12. Research Opportunities and Challenges in Image Processing	Dr. Reema Dhar	ECE	Turkish Journal of Compuer and Mathematics Education	2020	2666-5576	link	link	yes
13. EBSD Investigation to Study the Restoration Mechanism and Substructural Characteristics of 23Cr–6Ni–3Mo Duplex Stainless Steel During Post-deformation Annealing	Pawan Kumar, Peter Hodgson, Hossein Beladi Mamookho Elizabeth Makhatha, Aniket Kumar Dutt	Mechanical E	Transactions of Indian Institute of Metals	2020	2666-020-01884-1	link	link	yes
14. Modifying one of the Machine Learning Algorithms kNN to Make it Independent of the Parameter k by Re-defining Neighbor	Pushpam Kumar Sinha, Sonali Sinha	Mechanical E	I. J. Mathematical Sciences and Computing	2020	2231-5330	link	link	yes
15. Effect of Substructure on Hardness and Conductivity of Copper During Annealing	Srijan Sengupta, Pawan Kumar, Manmookho Elizabeth Makhata, Aniket Kumar Dutt	Mechanical E	Transactions of Indian Institute of Metals	2020	12666-020-01932-w	link	link	yes
16. An analytical Evolution of Robotics	Dr. Reema Dhar	ECE	Turkish Journal of Compuer and Mathematics Education	2019	2666-5573	link	link	yes

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17. Energy-Efficient Routing for Ant Colony Optimization in VLSI Design	Dr. Reema Dhar	ECE	Turkish Journal of Computer and Mathematics Education	2019	2666-5574	link	link	yes
18. Microstrip Patch Antenna Design and Analysis for Wireless Communication	Dr. Reema Dhar	ECE	Turkish Journal of Computer and Mathematics Education	2019	2666-5575	link	link	yes
19. The Better psuedo-random number generator derived from the library function rand() in C/C++	Pushpam Kumar Sinha, Sonali Sinha	Mechanical E	I.J. Mathematical Sciences and Computing	2019	2347-8527	link	link	yes
20. TO ANALYZE THE BEHAVIOUR OF R134A AND POE-TIO2 NANO-LUBRICANT AND DIFFERENT CAPILLARY TUBE SHAPE ON THE PERFORMANCE OF VAPOUR COMPRESSION REFRIGERATION SYSTEM	Sharma, H., Garg H.K.	Mechanical E	International Journal of Advance and Innovative Research	2019	2394-7780	link	link	yes

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