

# *B.N.M. Institute of Technology*

An Autonomous Institution under VTU

## Research Publications list for incentives from 1<sup>st</sup> Jan 2022 to 30<sup>th</sup> June 2022

SI. No.	Name of Faculty Author	Name of the Journal	Title	Indexed in	Journal Rating
<b>Chemistry</b>					
1	Dr. Prashanth M K	Chemosphere	Gadolinium sesquisulfide anchored N-doped reduced graphene oxide for sensitive detection and degradation of carbendazim.	Scopus	Q1
<b>Physics</b>					
2	Dr. Prasad K. N. N.	Archiv der Pharmazie	Microwave-assisted N-alkylation of amines with alcohols catalyzed by MnCl <sub>2</sub> : Anticancer, docking, and DFT studies	Scopus	Q2
3	Dr. S. Chandrasekhar	Journal of Molecular Structure	Facile green synthesis of samarium sesquioxide nanoparticle as a quencher for biologically active imidazole analogues: Computational and experimental insights	Scopus	Q2
<b>Electronics and Communication Engineering</b>					
4	Smt.Keerti Kulkarni, Dr. P.A. Vijaya	International Journal of Applied Geospatial Research	Using Combination Technique for Land Cover Classification of Optical Multispectral Images	Scopus	Q4
5	Dr. Jyoti R Munavalli	Algorithms	Dynamic Layout Design Optimization to Improve Patient Flow in Outpatient Clinics Using Genetic Algorithms	Scopus + web of science	Q2
6	Smt. Sujaya B L	International Journal of Electrical and Computer Engineering (IJECE)	Design and performance analysis of human body communication digital transceiver for wireless body area network applications	Scopus	Q2
<b>Mechanical Engineering</b>					

7	<b>Dr.D.Shivalingappa</b>	Journal of Materials: Design and Applications	Hot-corrosion behaviour of CNT reinforced Cr3C2-NiCr coatings working under high - temperature sprayed by HVOF method	<b>Scopus</b>	Q2
8	<b>Mr.Harish A</b>	Australian Journal of Mechanical Engineering	Low plasticity burnishing surface treatment: impact on surface integrity parameters of turned cylindrical Ti- 6Al-4V specimen	<b>Scopus</b>	Q3
9	<b>Mr. Mahendra Kumar C</b>	ARPN Journal of Engineering & Applied Sciences	Experimental Studies on wear Response of a Carbon Nanotube Reinforced Aluminium Matrix Composite	<b>Scopus</b>	Q3
<b>Computer Science Engineering</b>					
10	<b>Mr.Abhijit Das</b>	(IJACSA) International Journal of Advanced Computer Science and Applications	Design and Development of an Efficient Network Intrusion Detection System using Ensemble Machine learning Techniques for Wifi Environments	Scopus	Q3
11	<b>Dr. Jalaja G</b>	Journal of Food Quality	Role of Artificial Intelligence and Deep Learning in Easier Skin Cancer Detection through Antioxidants Present in Food	Web of Science	Q2
12	<b>Mr. Raghavendra C K</b>	Journal of Theoretical and Applied Information Technology	Switching Hybrid Model for Personalized Recommendations by Combining Users Demographic Information	Scopus	Q4
13	<b>Mr. Raghavendra C K</b>	Indian Journal of Computer Science and Engineering (IJCSE)	Weighted Hybrid Model for Improving Predictive Performance of Recommendation Systems Using Ensemble Learning	Scopus	Q4
14	<b>Dr. Sheba Selvam</b>	International Journal of Image and Graphics	FO-DPSO Algorithm for Segmentation and Detection of Diabetic Mellitus for Ulcers	Scopus	Q3
<b>Information Science Engineering</b>					
15	<b>Dr. S. Srividhya</b>	Lecture Notes in Electrical Engineering	3D Terrain Mapping and Object Detection Using LiDAR	Scopus, EI	Q4
16	<b>Smt.. Jagruthi H</b>	Smart Innovation, Systems and Technologies	Analysis and Evaluation of Machine Learning Classifiers for IoT Attack Dataset	Scopus, EI	Q4

17	<b>Mrs. Laxmi V</b>	Smart Innovation, Systems and Technologies	Artificially Ripened Mango Fruit Prediction System using Convolution Neural Network	Scopus, EI	Q4
<b>AI &amp; ML Engineering</b>					
18	<b>Dr. Sejal Nimbhorkar</b>	International Engineering Technology	Journal Trends of and Text Based and Image Based Recommender Systems: Fundamental Concepts, Comprehensive Review and Future Directions	Scopus	Q4

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