



Nagarjuna College of Engineering and Technology

(An Autonomous College under VTU)

Bibliometrics of the publications during the last five years based on average Citation index in Scopus/ Web of Science/ PubMed

Sl. No.	Name of the Author	Dept	Title of the paper	Title of the journal	Academic Year	Citation Index
1	Dr. Nagesh K.N	EC	Target Tracking System Using Passive Radar: A Survey	RESEARCH REVIEW International Journal of Multidisciplinary	2020-21	0
2	Mr.Basavaraj G. M, Mr.Rajashekhar B. Somasagar	EC	Security Issues & Solutions in Cloud Computing	Journal of Telecommunication Study	2020-21	1
3	Dr. Suravi Pal	CV	Postearthquake Reconsolidation Settlement of Stone Column-Treated Liquefiable Sand	International Journal of Geomechanics	2020-21	1
4	Dr N Kapilan	ME	Virtual Laboratory: A Boon to the Mechanical Engineering Education During Covid-19 Pandemic		2020-21	1
5	Dr. Sandhya G	IS	Generative Adversarial Networks based method for generating photorealistic Super Resolution images”	Third International Conference on Materials Science and Manufacturing Technology 2021 (ICMSMT 2021) held at Hotel Aloft, Coimbatore, Tamil Nadu, India during 15 - 16, April 2021. T	2020-21	1

6	Mr.Manju RamraoBhosle, Mr.Nagesh K.N, Mr.Ravi Chaurasia	EC	Adaptive Speech Spectrogram Approximation for Enhancement of Speech Signal	International Journal of Recent Technology and Engineering	2020-21	0
7	Dr. Manohar D R	CV	Shear strength characteristics of geosynthetic reinforced rubber-sand mixtures	Geotextiles and Geomembranes	2020-21	0
8	Dr. Suravi Pal	CV	Filtration performance of geotextile encasement to minimize the clogging of stone column during soil liquefaction	Geotextiles and Geomembranes	2020-21	0
9	Mrs.Geethanjali G	MBA	A Study on Challenges & Prospects of Startups with reference to covid-19	International Journal of Advance and Innovative Research	2020-21	0
10	Dr. S Mohan Kumar	CSE	Wavelet Packet Transform-Based Image Classification for Computer-Aided Glaucoma Diagnosis Using Naïve Bayes Classifier	Springer	2020-21	5
11	Dr. Sandhya G	IS	“An IOT Based Smart Helmet To Prevent Road Accidents”	The Design Engineering,	2020-21	0
12	Dr. Sandhya G	IS	“Dual Layer Security of data using combined technique of Cryptography and Stenography”.	International Journal of Foundations of Computer Science in Volume 32	2020-21	0
13	Dr. Venkatesh Babu D.L.	CV	Fresh, Strength and Durability Characteristics of Binary and Ternary Blended Self Compacting Concrete	International Journal of Engineering and Advanced Technology (IJEAT)	2019-20	2
14	Dr. L. Pinky Devi	CV	Life cycle energy analysis of a low-cost house in India	International Journal of Construction Education and Research	2019-20	6
15	Dr. Nagraj V. K	CV	An efficient production of hybrid recombinant protein comprising non-structural proteins (NS 1 & NS 3) of bluetongue virus in prokaryotic expression system	Protein expression and purification	2019-20	5

16	Dr. Suravi Pal	CV	Effect of clogging of stone column on drainage capacity during soil liquefaction	Soils and Foundations	2019-20	3
17	Mr.DivyaSrinath	CV	Compressive Strength of Concrete with Construction and Demolition Waste and m-SAND using Additives -	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2S10, September 2019 -	2019-20	1
18	Mr.DivyaSrinath	CV	Studies on Flexural Strength of Concrete with Demolished Concrete as Coarse Aggregate(Partial Replacement) and Manufactured Sand as Fine Aggregate(Total Replacement) using Admixtures	International Research Journal of Engineering and Technology (IRJET)	2019-20	1
19	Mr Amaresh Gunge	ME	Study on mechanical properties of alkali treated plain woven banana fabric reinforced biodegradable composites	Composites Communications	2019-20	33
20	Mr Amaresh Gunge	ME	Mechanical properties of chemically treated woven banana/polyvinyl alcohol composites	Emerging Materials Research	2019-20	3
21	Ms. Poornima U. K	MBA	Role of Panchayats in Rural Development	International Journal of Multidisciplinary Research Review,	2019-20	0
22	Ms. Poornima U. K	MBA	Role of SHG in Rural Development	IJBARR	2019-20	0
23	Dr.H.Venkatesh Kumar	EC	Live Streaming of Agriculture Market Statistics to the Remote Village Areas Using Amateur Radio	International Journal of Innovative Science and Research Technology	2019-20	0
24	Dr. Nagesh K.N	EC	Design and Implementation of Quadcopter for Surveillance Application	International Journal of Innovative Science and Research Technology	2019-20	0
25	Mr.Rohith S and Mrs.B K Sujatha	EC	A Novel Compressed Encrypted and Encoded Watermark Embedding Scheme for Digital Images	International Journal of Engineering and Technology, IJET	2018-19	0
26	Dr. Nagraj V. K	CV	Assessing the performance of molarity and alkaline activator ratio on engineering	Journal of Building Engineering	2018-19	22

			properties of self-compacting alkaline activated concrete at ambient temperature			
27	Dr. Nagraj V. K	CV	Formulation and performance evaluation of alkali-activated self-compacting concrete	Asian Journal of Civil Engineering	2018-19	2
28	Dr. Suravi Pal	CV	Effect of stiffness of stone column on drainage capacity during soil liquefaction	International Journal of Geomechanics	2018-19	5
29	Dr N Kapilan	ME	Studies on improvement of performance of compression ignition engine fuelled with mixture of honge biodiesel and tire pyrolysis oil	Journal of Mechanical Engineering	2018-19	4
30	Dr Govinde Gowda M S	ME	Design and analysis of acoustically-driven 50 W thermoacoustic refrigerators	International Journal of Air-Conditioning and Refrigeration	2018-19	3
31	Dr. C Venkate Gowda	ME	Experimental investigation of glass-carbon/epoxy hybrid composites subjected to low velocity impact test	FME Transactions	2018-19	5
32	Mr L J Naik	ME	Studies on improvement of performance of compression ignition engine fuelled with mixture of honge biodiesel and tire pyrolysis oil	Journal of Mechanical Engineering	2018-19	4
33	Dr. Srikanta Murthy K	CS	Deep belief network based approach to recognize handwritten Kannada characters using distributed average of gradients	Cluster Computing	2018-19	7
34	Dr Shantakumar B Patil	CS	Integrated Framework for Secure and Energy Efficient Communication System in Heterogeneous Sensory Application	International Journal of Electrical and Computer Engineering	2018-19	5
35	Mrs.Swathi S	CS	Secure Data Aggregation in IOT	IJECE	2018-19	4
36	Ms. Sushma A	IS	Security Enhancement Using Pre-Authentication & Proxy Re-Encryption	IJCSE	2018-19	1
37	Ms.Navya H S	IS	Weather Monitoring System Using Internet Of Things	IJAR	2018-19	1

38	Dr. Venkatesh Babu D.L.	CV	Evaluation of Fiber Type and Water-Binder Ratio Influence on Concrete Properties	International Journal of Engineering and Advanced Technology (IJEAT)	2018-19	2
39	Dr. Manohar D R	CV	Influence of size of granulated rubber and tyre chips on the shear strength characteristics of sand-rubber mix	Geomechanics and Geoengineering	2017-18	29
40	Dr N Kapilan	ME	An experimental and numerical study on effects of exhaust gas temperature and flow rate on deposit formation in Urea-Selective Catalytic Reduction (SCR) system of modern	Applied Thermal Engineering	2017-18	41
41	Dr N Kapilan	ME	Studies on effect of antioxidant on the performance of biodiesel operated diesel engine	Journal of Sustainable Energy Engineering	2017-18	2
42	Dr Govinde Gowda M S	ME	Design and comparative analysis of thermoacoustic refrigerators	International Journal of Air-Conditioning and Refrigeration	2017-18	7
43	Dr Govinde Gowda M S	ME	Design Construction and Performance of 10W Thermoacoustic Refrigerators	International Journal of Air-Conditioning and Refrigeration	2017-18	6
44	Dr. C Venkate Gowda	ME	Investigating the effects of delamination location and size on the vibration behaviour of laminated composite beams	Materials Today: Proceedings	2017-18	7
45	Dr Shantakumar B Patil	CS	Anomaly Detection in MANET Using Zone Based AODV Routing Protocol	Springer	2017-18	5
46	Dr Shantakumar B Patil	CS	DSP-IR: Delay Sensitive Protocol for intelligent routing with Medium Access Control	Springer (Advances in Intelligent Systems and Computing)	2017-18	5
47	Dr Shantakumar B Patil	CS	Hybrid intrusion detection using a zone based AODV routing protocol for MANETs	Journal of Computational and Theoretical Nanoscience	2017-18	5
48	Dr. Mamatha G	IS	Threshold Analysis Method using Threshold Based Congestion Control Protocol in Wireless Sensor Networks for Node Optimization	IJTRD	2017-18	1

49	Mr.Basavaraj G M and Mr.Ashok Kusagur	EC	Combining Optical Flow and Heat Map Feature Vectors for Crowd Behavior Recognition Systems	Journal of Advanced Research in Dynamical and Control Systems (JARDCS)	2017-18	0
50	Dr. Venkatesh Babu D.L.	CV	Formulation and performance evaluation of alkali-activated self-compacting concrete	Asian Journal of Civil Engineering	2017-18	2
51	Dr. L. Pinky Devi	CV	A Framework for the Assessment of Energy Use of High-Rise Building Construction Processes	ASCE proceedings	2016-17	1
52	Dr. Manohar D R	CV	Selection of Shear Modulus correlation for SPT N values based on site response studies	Journal of Engineering Research	2016-17	12
53	Dr. Chinmayi H.K.	CV	Seismic Analysis of Shear Wall Buildings Incorporating Site Specific Ground Response	Structural Engineering and Mechanics	2016-17	1
54	Dr. Chinmayi H.K.	CV	Seismic force evaluation of RC shear wall buildings as per international codesbabu	Earthquakes and Structures	2016-17	1
55	Dr. Akshaya B J	CV	GIS Based Approach for Vulnerability Assessment of the Karnataka Coast, India	Advances in Civil Engineering	2016-17	1
56	Dr N Kapilan	ME	Computational Fluid Dynamics Analysis of an Evaporative Cooling System	Strojnícky časopis-Journal of Mechanical Engineering	2016-17	8
57	Dr N Kapilan	ME	Influence of propyl gallate antioxidant on performance and emissions of a ci fuelled with neem oil biodiesel	J Biofuels	2016-17	3
58	Dr. C Venkate Gowda	ME	Evaluation of mechanical properties of hemp-ramie fibers reinforced with epoxy hybrid composites	International Journal of Research in Engineering and Technology	2016-17	3
59	Dr.Y. S. Kumaraswamy	CS	3D point cloud generation from 2D depth camera images using successive triangulation	IEEE	2016-17	3
60	Mr.Nagesh K. NMr.P. Krishna Kanth Varma, Mr.P. V. Rama Raju and, Mr.P. B. Sai Dileep.	EC	Array Synthesis of Circular and Planar Antenna Arrays for Pattern Nulling Using Invasive Weed Optimization Algorithm	International Journal of Control Theory and Applications	2016-17	<u>1</u>

61	Mr.Basavaraj G M and Mr.Ashok Kusagur,	EC	Crowd Anomaly Detection Using Motion Based Spatio-Temporal Feature Analysis	Indonesian Journal of Electrical Engineering And Computer Science (IJEECS)	2016-17	2
62	Dr. L. Pinky Devi	CV	A study on energy use for excavation and transport of soil during building construction	Journal of cleaner production	2016-17	16