

**SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN :: BHIMAVARAM  
(AUTONOMOUS)  
2020**

Sl. No.	Publication Details	SVECW-First Author	Dept.	Indexed Scopus/WoS	Conference Proceedings/ Journal/ Book Chapter	Paper Link
1	Arnepalli, K., & Rao, K. S. (2020). The pace of digital libraries: Academic libraries perspective. Library	A Kaladhar	BS-Library	Scopus	Journal	<a href="https://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=7157&amp;context=libphilprac">https://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=7157&amp;context=libphilprac</a>
2	Bhagavan, V. S., & Rama Kameswari, P. L. (2020). Some properties of generalized hypergeometric polynomials in two variables. Advances in Mathematics: Scientific	P L Kameswari	BS-Maths	Scopus	Journal	<a href="https://www.research-publication.com/amsj/uploads/papers/vol-09/iss-10/AMSJ-2020-N10-109.pdf">https://www.research-publication.com/amsj/uploads/papers/vol-09/iss-10/AMSJ-2020-N10-109.pdf</a>
3	Brahmanandam, P. S., Chakravarthy, K. K. J., Raju, G. R., Rao, N. S. S., Satyavani, M., Kumar, V. N., . . . Satish, L. (2020). Feasible solutions and role of nanomaterials in combating the covid-19 pandemic: A preliminary study.	P S Brahmanandam	BS-Physics	Scopus	Journal	<a href="https://go.gale.com/ps/i.do?id=GALE%7CA636790322&amp;sid=googleScholar&amp;v=2.1&amp;it=r&amp;linkaccess=abs&amp;issn=09711198&amp;p=HRCA&amp;sw=w&amp;userGroupName=anon%7E7432156a&amp;aty=open-web-entry">https://go.gale.com/ps/i.do?id=GALE%7CA636790322&amp;sid=googleScholar&amp;v=2.1&amp;it=r&amp;linkaccess=abs&amp;issn=09711198&amp;p=HRCA&amp;sw=w&amp;userGroupName=anon%7E7432156a&amp;aty=open-web-entry</a>
4	Brahmanandam, P. S., Kumar, V. N., Kumar, G. A., Rao, M. P., Samatha, K., & Ram, S. T. (2020). A few important features of global atmospheric boundary layer heights estimated using COSMIC radio occultation retrieved data.	P S Brahmanandam	BS-Physics	Scopus	Journal	<a href="https://link.springer.com/article/10.1007/s12648-019-01514-7">https://link.springer.com/article/10.1007/s12648-019-01514-7</a>
5	Duvvuri, S. S. (2020). Modeling, analysis and simulation of modified six-phase stator winding induction motor. Advances in Mathematics: Scientific Journal, 9(10), 8187-	S S S R Sarath Babu D	EEE	Scopus	Journal	<a href="https://www.research-publication.com/amsj/uploads/papers/vol-09/iss-10/AMSJ-2020-N10-48.pdf">https://www.research-publication.com/amsj/uploads/papers/vol-09/iss-10/AMSJ-2020-N10-48.pdf</a>
6	Garapati, D. P., Padmaja, S. M., & Ramana, N. V. (2020). Teaching and assessment of course outcomes in switching theory and logic design course: A case study. Assessment tools for mapping learning outcomes with learning	G Durga Prasad	EEE	Scopus	Book Chapter	<a href="https://www.igi-global.com/chapter/teaching-and-assessment-of-course-outcomes-in-switching-theory-and-logic-design-course/263875">https://www.igi-global.com/chapter/teaching-and-assessment-of-course-outcomes-in-switching-theory-and-logic-design-course/263875</a>
7	Gireesh Kumar, P. (2020). A comprehensive review on the replacement of virgin material using reclaimed asphalt pavement (RAP) material in flexible pavements. Paper presented at the IOP Conference Series: Materials Science	P Gireesh Kumar	CE	Scopus	Conference Proceedings	<a href="https://www.proquest.com/openview/04d41de4a425d9ef7eeffe7b5ef57176/1?pq-origsite=gscholar&amp;cbl=4998670">https://www.proquest.com/openview/04d41de4a425d9ef7eeffe7b5ef57176/1?pq-origsite=gscholar&amp;cbl=4998670</a>
8	Gireesh Kumar, P. (2020). A study on effect of reclaimed asphalt pavement material over virgin material in bituminous mix. Paper presented at the IOP Conference	P Gireesh Kumar	CE	Scopus	Conference Proceedings	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/012042/pdf#:~:text=Based%20on%20laboratory%20tests%20conducted,under%20same%20conditions%5B1%5D">https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/012042/pdf#:~:text=Based%20on%20laboratory%20tests%20conducted,under%20same%20conditions%5B1%5D</a>
9	Gireesh Kumar, P. (2020). Preface. IOP Conference Series: Materials Science and Engineering, 1006(1)	P Gireesh Kumar	CE	Scopus	Conference Proceedings	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/011001">https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/011001</a>
10	Gireesh Kumar, P., Madhunika, N., Sindhura, Y., Dwarakamai, S., Praneetha, A., Harika Sravani, T., & Sridevi, P. (2020). An experimental investigation on soil stabilization using terrazyme. Paper presented at the IOP	P Gireesh Kumar	CE	Scopus	Conference Proceedings	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/012023/pdf#:~:text=After%20the%20addition%20of%20terrazyme,free%20swell%20index%20decreases%20gradually.&amp;text=After%20completion%20of%20compaction%20test,is%2018.2KN%2Em%20respectively">https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/012023/pdf#:~:text=After%20the%20addition%20of%20terrazyme,free%20swell%20index%20decreases%20gradually.&amp;text=After%20completion%20of%20compaction%20test,is%2018.2KN%2Em%20respectively</a>

11	Gireesh Kumar, P., Priyanka Pathivada, A., Jyothishma Himaja, V. S., Rachana Tejaswi, K., & Keerthi Liniya, G. (2020). Theoretical investigation on pervious concrete pavement (PCP) as sustainable pavement technology	P Gireesh Kumar	CE	Scopus	Conference Proceedings	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/012016">https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/012016</a>
12	Gireesh Kumar, P., Ranjan Samal, S., Prasanthi, L., Bhavitha, V., & Mounika Devi, J. (2020). Level of service of urban and rural roads- A case study in bhimavaram. Paper presented at the IOP Conference Series: Materials	P Gireesh Kumar	CE	Scopus	Conference Proceedings	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/012018/pdf">https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/012018/pdf</a>
13	Gireesh Kumar, P., Sai Charan, S., Sri Mani, S. R., & Nagarjuna, K. (2020). An exposition of speculative and numerical analysis of CFST columns. Paper presented at	P Gireesh Kumar	CE	Scopus	Conference Proceedings	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/012043">https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/012043</a>
14	Girish Kumar, D., Raju, C., & Harish, G. (2020). Individual tree crowns computation using watershed	D Gireesh Kumar	ECE	Scopus	Journal	<a href="https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9033973">https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9033973</a>
15	Godi, P. K., Battula, K. T., & Kotipalli, P. (2020). Radix-4 feed back design using four parallel adders with efficient reordering module for fast fourier transform. Journal of Advanced Research in Dynamical and Control Systems,	K Puspha	ECE	Scopus	Journal	<a href="https://www.jardcs.org/abstract.php?id=3270">https://www.jardcs.org/abstract.php?id=3270</a>
16	Godi, P. K., Krishna, B. T., & Kotipalli, P. (2020). Design optimisation of multiplier-free parallel pipelined FFT on field programmable gate array. IET Circuits, Devices and	K Puspha	ECE	Scopus	Journal	<a href="https://digital-library.theiet.org/content/journals/10.1049/iet-cds.2019.0512">https://digital-library.theiet.org/content/journals/10.1049/iet-cds.2019.0512</a>
17	Harikrishna, C., & Nagaraju, C. (2020). Modeling of cylindrical upsetting process for enhanced ductile fracture. Materials Today: Proceedings, 39, 1629-1634.	Ch. Hari Krishna	ME	Scopus	Journal	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320343807">https://www.sciencedirect.com/science/article/pii/S2214785320343807</a>
18	Jagadeesh, K., & Annapurna, N. (2020). Stability indicating method to analyze benidipine and chlorthalidone using HPLC technique: Establishment,	K Jagadeesh	BS-Chemistry	Scopus	Journal	<a href="https://ps.tbzmed.ac.ir/Article/Pharm-32970">https://ps.tbzmed.ac.ir/Article/Pharm-32970</a>
19	Kalluru, P. V. (2020). Indian new currency denomination identification system with audio feedback using convolution neural networks for visually challenged and	K Padma Vasavi	ECE	Scopus	Conference, Springer Chapter	<a href="https://link.springer.com/chapter/10.1007/978-981-15-3817-9_5">https://link.springer.com/chapter/10.1007/978-981-15-3817-9_5</a>
20	Krishna, C. H., Dumpala, R., Davidson, M. J., Srinivasaraju, P., & Srinivasarao, G. (2020). Analysis of anisotropy in the upsetting process of AA2014 cast alloy embedded with fly ash. Proceedings of the Institution of	Ch. Hari Krishna	ME	Scopus, SCI	Journal	<a href="https://journals.sagepub.com/doi/10.1177/0954406220911389">https://journals.sagepub.com/doi/10.1177/0954406220911389</a>
21	Kumar, P. G., & Harika, S. (2020). Stabilization of expansive subgrade soil by using fly ash. Materials Today:	P Gireesh Kumar	CE	Scopus	Conference Proceedings	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320391331">https://www.sciencedirect.com/science/article/pii/S2214785320391331</a>
22	Kumar, P. G., Lekhana, P., Tejaswi, M., & Chandrakala, S. (2020). Effects of vehicular emissions on the urban environment- a state of the art. Materials Today:	P Gireesh Kumar	CE	Scopus	Conference Proceedings	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320383620">https://www.sciencedirect.com/science/article/pii/S2214785320383620</a>
23	Kumar, P. G., Tejaswini, V., Rao, P. K., & Jaya Shankar, G. (2020). Disaster mitigation and its strategies in a global context - a state of the art. Materials Today: Proceedings,	P Gireesh Kumar	CE	Scopus	Conference Proceedings	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320389872">https://www.sciencedirect.com/science/article/pii/S2214785320389872</a>
24	Medapati, P. K., Tejo Murthy, P. H. S., & Sridhar, K. P. (2020). LAMSTAR: For IoT-based face recognition system to manage the safety factor in smart cities.	M Prem Kumar	ECE	Scopus	Journal	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/ett.3843">https://onlinelibrary.wiley.com/doi/abs/10.1002/ett.3843</a>

25	Naga Sravanthi, V., & Terlapu, S. K. (2020). Design and performance analysis of rounding approximate multiplier for signal processing applications doi:10.1007/978-981-32-	T Sudheer Kumar	ECE	Scopus	Conference, Springer Chapter	<a href="https://link.springer.com/chapter/10.1007/978-981-32-9690-9_41">https://link.springer.com/chapter/10.1007/978-981-32-9690-9_41</a>
26	Padavala, A. K., Akondi, N. K., & Nistala, B. R. (2020). High quality factor fractal inductor with complementary split-ring array inclusion. Circuit World, 46(3), 215-219.	P Akhendra Kumar	ECE	Scopus	Conference, Springer Chapter	<a href="https://www.emerald.com/insight/content/doi/10.1108/CW-06-2019-0052/full/html?skipTracking=true">https://www.emerald.com/insight/content/doi/10.1108/CW-06-2019-0052/full/html?skipTracking=true</a>
27	Pala, G. K., Pathivada, A. P., Velugoti, S. J. H., Yerramsetti, C., & Veeranki, S. (2020). Rainwater harvesting - A review on conservation, creation & cost-	P Gireesh Kumar	CE	Scopus	Conference Proceedings	<a href="https://www.sciencedirect.com/science/article/pii/S2214785320392622#:~:text=One%20such%20technique%20is%20Rainwater,economical%20means%20of%20conserving%20water.">https://www.sciencedirect.com/science/article/pii/S2214785320392622#:~:text=One%20such%20technique%20is%20Rainwater,economical%20means%20of%20conserving%20water.</a>
28	Prasad., N., Praveen Kumar., E., Sitaramanjaneyulu., P., & Srinivasa Raju., G. R. L. V. N. (2020). Telephony speech enhancement for hearing-impaired people. Paper presented at the Proceedings of the 2020 International Conference on	N Prasad	ECE	Scopus	Conference Proceedings	<a href="https://ieeexplore.ieee.org/document/9277386?denied=">https://ieeexplore.ieee.org/document/9277386?denied=</a>
29	Prasanna Kumar, G., Krishna, B. T., & Kotipalli, P. (2020). Split radix fast fourier transform design with reduced multipliers. International Journal of Advanced	K Pushpa	ECE	Scopus	Journal	<a href="http://sersc.org/journals/index.php/IJAST/article/view/14163">http://sersc.org/journals/index.php/IJAST/article/view/14163</a>
30	Praveen Kumar Emani, R., Telagathoti, P., & Prasad, N. (2020). Telephony speech enhancement for elderly people. Paper presented at the 4th International Conference on Computer, Communication and Signal Processing,	E Praveen Kumar	ECE	Scopus	Conference Proceedings	<a href="https://ieeexplore.ieee.org/document/9315269">https://ieeexplore.ieee.org/document/9315269</a>
31	Ravi Kumar, P., Naganjaneyulu, P. V., & Satya Prasad, K. (2020). Hybrid genetic algorithm in partial transmit sequence to improve OFDM. International Journal of	P Ravi Kumar	ECE	Scopus	Journal	<a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJISTA.2020.110010">https://www.inderscienceonline.com/doi/abs/10.1504/IJISTA.2020.110010</a>
32	Ravi Kumar, P., Naganjaneyulu, P. V., & Satya Prasad, K. (2020). Partial transmit sequence to improve OFDM using BFO & PSO algorithm. International Journal of Wavelets,	P Ravi Kumar	ECE	Scopus	Journal	<a href="https://www.worldscientific.com/doi/10.1142/S0219691319410182">https://www.worldscientific.com/doi/10.1142/S0219691319410182</a>
33	Ravuri, V., Terlapu, S. K., & Nayak, S. S. (2020). An iterative algorithm for reconstruction of level cross sampled signals for sustainable development. Journal of	R Viswanatham	ECE	Scopus	Journal	<a href="https://media.cutm.ac.in/naacdvvqueries/3.4.5/screenshots-of-research-articles/1092.pdf">https://media.cutm.ac.in/naacdvvqueries/3.4.5/screenshots-of-research-articles/1092.pdf</a>
34	Sahoo, R. (2020). A batman shaped conformal antenna for WiMAX application. Paper presented at the 2020 11th International Conference on Computing, Communication	R Sahoo	ECE	Scopus	Conference Proceedings	<a href="https://ieeexplore.ieee.org/document/9225681">https://ieeexplore.ieee.org/document/9225681</a>
35	Samal, S. R., Gireesh Kumar, P., Cyril Santhosh, J., & Santhakumar, M. (2020). Analysis of traffic congestion impacts of urban road network under indian condition. Paper presented at the IOP Conference Series: Materials	P Gireesh Kumar	CE	Scopus	Conference Proceedings	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/012002">https://iopscience.iop.org/article/10.1088/1757-899X/1006/1/012002</a>
36	Srikanth, M. V., & Yadaiah, N. (2020). Optimal parameter tuning of modified active disturbance rejection control for unstable time-delay systems using an AHP combined multi-objective quasi-oppositional jaya algorithm. Applied Soft	M V Srikanth	EEE	Scopus	Journal	<a href="https://www.sciencedirect.com/science/article/pii/S1568494619306623">https://www.sciencedirect.com/science/article/pii/S1568494619306623</a>
37	Srinivasulu, T., Kameswari, P. L. R., & Bhagavan, V. S. (2020). Group-theoretical study of certain generating functions for two variable hypergeometric polynomials.	P L Kameswari	BS-Maths	Scopus	Journal	<a href="http://sersc.org/journals/index.php/IJAST/article/view/12043">http://sersc.org/journals/index.php/IJAST/article/view/12043</a>

38	Uma, G., Brahmanandam, P. S., Srinivasu, V. K. D., Prasad, D. S. V. V. D., Sai Gowtam, V., Tulasi Ram, S., & Chu, Y. H. (2020). Ionospheric responses to the 21 august 2017 great american solar eclipse – A multi-instrument	P S Brahmanandham	BS-Physics	Scopus	Journal	<a href="https://www.sciencedirect.com/science/article/pii/S0273117719306581#:~:text=A%2030%25%20reduction%20in%20the,et%20al.%2C%201986">https://www.sciencedirect.com/science/article/pii/S0273117719306581#:~:text=A%2030%25%20reduction%20in%20the,et%20al.%2C%201986</a>
39	Venkata Subbarao, M., & Samundiswary, P. (2020). Performance analysis of modulation recognition in multipath fading channels using pattern recognition	M V Subbarao	ECE	Scopus	Conference, Springer Chapter	<a href="https://link.springer.com/article/10.1007/s11277-020-07564-z">https://link.springer.com/article/10.1007/s11277-020-07564-z</a>
40	Venkata Subbarao, M., Sudheer Kumar, T., Raju, G. R. L. V. N. S., & Samundiswary, P. (2020). Power quality event recognition using cumulants and decision tree classifiers	M V Subbarao	ECE	Scopus	Conference, Springer Chapter	<a href="https://link.springer.com/chapter/10.1007/978-981-15-3172-9_55">https://link.springer.com/chapter/10.1007/978-981-15-3172-9_55</a>
41	Yedlapalli, P., Girija, S. V. S., Dattatreya Rao, A. V., & Sastry, K. L. N. (2020). A new family of semicircular and circular arc tan-exponential type distributions. Thai Journal of Mathematics, 18(2), 775-781.	Y Phani	BS-Maths	Scopus	Journal	<a href="http://thaijmath.in.cmu.ac.th/index.php/thaijmath/article/viewFile/1427/354354704#:~:text=In%20this%20paper%2C%20we%20investigated,forms%2C%20as%20do%20characteristic%20function">http://thaijmath.in.cmu.ac.th/index.php/thaijmath/article/viewFile/1427/354354704#:~:text=In%20this%20paper%2C%20we%20investigated,forms%2C%20as%20do%20characteristic%20function</a>
42	Automata Classifier for COVID-19 Prediction,Jan 2020 in Journal of Health Sciences DOI:10.17532/JHSCL.2020.007	P Kiran Sree	CSE	Scopus	Journal	<a href="https://www.jhsci.ba/ojs/index.php/jhsci/article/view/907">https://www.jhsci.ba/ojs/index.php/jhsci/article/view/907</a>