

**SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN :: BHIMAVARAM  
(AUTONOMOUS)  
2022 Publications**

Sl. No.	Publication Details	SVECW-First Author	Dept.	Indexed Scopus/WoS	Conference Proceedings/ Journal/ Book Chapter	Name of the Journal/Conference	Scopus Link	Paper Link
1	Shankar PV, Murugan C, Padmaja V, Zaineb A, Venkatesh V, Sayed Mohammed I, Bharathi G. Reliability enhancement and low leakage in radial distribution systems using big bang crunch (BBC) optimization algorithm. Internat J Intel Syst Appl Eng 2022;10(4):01-6.	Ms. G Bharathi	EEE	Scopus	Journal	International Journal of Intelligent Systems and Applications in Engineering	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163511115&amp;partnerID=40&amp;md5=f26f792bfa66cb42044a59c9779a7a9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163511115&amp;partnerID=40&amp;md5=f26f792bfa66cb42044a59c9779a7a9</a>	<a href="https://ijisae.org/index.php/IJISAE/article/view/2189">https://ijisae.org/index.php/IJISAE/article/view/2189</a>
2	Duvvuri SS, Sandeep V, Yadlapati K, Krishna VBM. Research on induction generators for isolated rural applications: State of art and experimental demonstration. Measurement Sens 2022;24.	Dr. SarathBabu	EEE	Scopus	Journal	Measurement: Sensors	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140402499&amp;doi=10.1016%2fj.measen.2022.100541&amp;partnerID=40&amp;md5=8bbc52eadeace15a39b3b89a9332149a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140402499&amp;doi=10.1016%2fj.measen.2022.100541&amp;partnerID=40&amp;md5=8bbc52eadeace15a39b3b89a9332149a</a>	<a href="https://www.sciencedirect.com/science/article/pii/S2665917422001751">https://www.sciencedirect.com/science/article/pii/S2665917422001751</a>
3	N S, Pradeep M, Kumar PS, Vijay kumar M, N R. Floorplanning for thermal consideration: Slicing with low power on field programmable gate array. Measurement Sens 2022;24	Dr. M Pradeep	ECE	Scopus	Journal	Measurement: Sensors	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139834346&amp;doi=10.1016%2fj.measen.2022.100491&amp;partnerID=40&amp;md5=95bbaf00ebed7bf0d5f6eaf4325c49f8">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139834346&amp;doi=10.1016%2fj.measen.2022.100491&amp;partnerID=40&amp;md5=95bbaf00ebed7bf0d5f6eaf4325c49f8</a>	<a href="https://www.sciencedirect.com/science/article/pii/S2665917422001258">https://www.sciencedirect.com/science/article/pii/S2665917422001258</a>
4	Murali Krishna VB, Duvvuri SS, Yadlapati K, Pidikiti T, Sudheer P. Deployment and performance measurement of renewable energy based permanent magnet synchronous generator system. Measurement Sens 2022;24.	Dr. SarathBabu	EEE	Scopus	Journal	Measurement: Sensors	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138834439&amp;doi=10.1016%2fj.measen.2022.100478&amp;partnerID=40&amp;md5=512c6f4e76e2f97f422a5bb318ef9400">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138834439&amp;doi=10.1016%2fj.measen.2022.100478&amp;partnerID=40&amp;md5=512c6f4e76e2f97f422a5bb318ef9400</a>	<a href="https://www.sciencedirect.com/science/article/pii/S266591742200112X">https://www.sciencedirect.com/science/article/pii/S266591742200112X</a>
5	Srikanth MV, Yadaiah N. Analytical tuning rules for second-order reduced ADRC with SOPDT models. ISA Trans 2022;131:693-714.	Mr. M V Srikanth	EEE	Scopus	Journal	ISA Transactions	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130909017&amp;doi=10.1016%2fj.isatra.2022.05.009&amp;partnerID=40&amp;md5=084e712b3038b0af1ec615bbc62fd23d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130909017&amp;doi=10.1016%2fj.isatra.2022.05.009&amp;partnerID=40&amp;md5=084e712b3038b0af1ec615bbc62fd23d</a>	<a href="https://www.sciencedirect.com/science/article/pii/S0019057822002397">https://www.sciencedirect.com/science/article/pii/S0019057822002397</a>
6	Naveen Kumar BV, Venkata Rao K, Basha Shaik E, Nirmal Rajeev Y, Ramachandra Rao K, Cole S. Tunable luminescence from Bi3+ sensitized La2Zr2O7:Eu3+ red nanophosphors for display applications. Lumin 2022;37(11):1942-52.	Mr. B V Naveen Kumar	BS-Physics	Scopus	Journal	Luminescence	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138510875&amp;doi=10.1002%2fbio.4378&amp;partnerID=40&amp;md5=bff505ec3fac3c7d0d35fe06e6573ff0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138510875&amp;doi=10.1002%2fbio.4378&amp;partnerID=40&amp;md5=bff505ec3fac3c7d0d35fe06e6573ff0</a>	<a href="https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/abs/10.1002/bio.4378">https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/abs/10.1002/bio.4378</a>
7	Varma GT, Krishna AS. Transfer learning-based optimal feature selection with DLCNN for shrimp recognition and classification. Int J Intelligent Eng Syst 2022;15(5):91-102.	Dr. A Sri Krishna	AI	Scopus	Journal	International Journal of Intelligent Engineering and Systems	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136523906&amp;doi=10.22266%2fijies2022.1031.09&amp;partnerID=40&amp;md5=d5d89029540a8503fb2ac0858e3d0d2c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136523906&amp;doi=10.22266%2fijies2022.1031.09&amp;partnerID=40&amp;md5=d5d89029540a8503fb2ac0858e3d0d2c</a>	<a href="https://inass.org/wp-content/uploads/2022/03/2022103109-2.pdf">https://inass.org/wp-content/uploads/2022/03/2022103109-2.pdf</a>
8	J. Umamageswaran; G. Elangovan; A. V. Kalpana; G. Indumathi, Chronic kidney disease prediction with feature selection and extraction using machine learning. AIP conference proceedings; 2022., AIP Conference Proceedings 2519, 030092 (2022)	Dr. G Elangovan	AI	Scopus	Conference	AIP Conference Proceedings	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140235192&amp;doi=10.1063%2f5.0109783&amp;partnerID=40&amp;md5=16573e1419337d90c69c3dd0a78d9a05">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140235192&amp;doi=10.1063%2f5.0109783&amp;partnerID=40&amp;md5=16573e1419337d90c69c3dd0a78d9a05</a>	<a href="https://pubs.aip.org/aip/acp/article-abstract/2519/1/030092/2828598/Chronic-kidney-disease-prediction-with-feature?redirectedFrom=fulltext">https://pubs.aip.org/aip/acp/article-abstract/2519/1/030092/2828598/Chronic-kidney-disease-prediction-with-feature?redirectedFrom=fulltext</a>

9	Ram GC, Sambaiah P, Yuvaraj S, Kartikeyan MV. Graphene based tunable bandpass filter for terahertz spectroscopy of polymers. Optik 2022;268.	Mr. G Challa Ram	ECE	Scopus	Journal	Optik	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136495000&amp;doi=10.1016%2Fj.jiloe.2022.169792&amp;partnerID=40&amp;md5=410b22f1be9647e254080c0fd9b0f757">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136495000&amp;doi=10.1016%2Fj.jiloe.2022.169792&amp;partnerID=40&amp;md5=410b22f1be9647e254080c0fd9b0f757</a>	<a href="https://www.sciencedirect.com/science/article/pii/S0030402622010671">https://www.sciencedirect.com/science/article/pii/S0030402622010671</a>
10	Doma MK, Padmanandam K, Tambvekar S, Keshav Kumar K, Abdualgalil B, Thakur RN. Artificial intelligence-based breast cancer detection using WPSO. Intern J Op Res Inf Syst 2022;13(2).	Mr. D Murali Krishna	ECE	Scopus	Journal	International Journal of Operations Research and Information Systems	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146484000&amp;doi=10.4018%2FJORIS.306195&amp;partnerID=40&amp;md5=5c206acd537e91e151889e2698f4fd8c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146484000&amp;doi=10.4018%2FJORIS.306195&amp;partnerID=40&amp;md5=5c206acd537e91e151889e2698f4fd8c</a>	<a href="https://www.igi-global.com/article/artificial-intelligence-based-breast-cancer-detection-using-wps0/306195#:~:text=This%20paper%20uses%20weighted%20particle,is%20extracted%20using%20optimization%20methods.">https://www.igi-global.com/article/artificial-intelligence-based-breast-cancer-detection-using-wps0/306195#:~:text=This%20paper%20uses%20weighted%20particle,is%20extracted%20using%20optimization%20methods.</a>
11	Rao MVG, Kumar PR, Balaji T. A high performance dual stage face detection algorithm implementation using FPGA chip and DSP processor. J Inf Syst Telecommun 2022;10(40):241-8.	Dr. M V G aneswara Rao	ECE	Scopus	Journal	Journal of Information Systems and Telecommunication	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140722247&amp;partnerID=40&amp;md5=363c7a2dde3349e8e40797681776ee99">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140722247&amp;partnerID=40&amp;md5=363c7a2dde3349e8e40797681776ee99</a>	<a href="http://jst.ir/Article/31803">http://jst.ir/Article/31803</a>
12	Battina NM, Krishna CH, Vanthala VSP. Influence of pin profile on formability of friction stir-welded aluminum tailor-welded blanks: An experimental and finite element simulation analysis. Trans can Soc Mech Eng 2022;46(3):602-13.	Dr. B N Malleswara Rao	ME	Scopus	Journal	Transactions of the Canadian Society for Mechanical Engineering	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138823783&amp;doi=10.1139%2Ftcsme-2022-0031&amp;partnerID=40&amp;md5=aa61b60a79bc6576439243dfd5f730b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138823783&amp;doi=10.1139%2Ftcsme-2022-0031&amp;partnerID=40&amp;md5=aa61b60a79bc6576439243dfd5f730b</a>	<a href="https://cdnsiencepub.com/doi/abs/10.1139/tcsme-2022-0031">https://cdnsiencepub.com/doi/abs/10.1139/tcsme-2022-0031</a>
13	Pokkuluri KS, Nedunuri UD. Crop disease prediction with convolution neural network (CNN) augmented with cellular automata. Int Arab J of Info Tech 2022;19(5):765-73.	Dr. P Kiran Sree	CSE	Scopus	Journal	International Arab Journal of Information Technology	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137753959&amp;doi=10.34028%2Fiajit%2F19%2F5%2F8&amp;partnerID=40&amp;md5=e019f6e8cd1ebe0f2e7548bd4be705b8">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137753959&amp;doi=10.34028%2Fiajit%2F19%2F5%2F8&amp;partnerID=40&amp;md5=e019f6e8cd1ebe0f2e7548bd4be705b8</a>	<a href="https://www.iajit.org/portal/images/Year2022/No.5/19664.pdf">https://www.iajit.org/portal/images/Year2022/No.5/19664.pdf</a>
14	Battina NM, Chirala HK, Inala R, Kummitha OR, Veeravalli LN, Pericherla SR. Influence of coefficient of friction between punch-blank interface on formability of friction stir welded aluminum tailor welded blanks – an experimental and finite element simulation investigations. Proc Inst Mech Eng Part C J Mech Eng Sci 2022;236(17):9677-86.	Dr. B N Malleswara Rao	ME	Scopus	Journal	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130206134&amp;doi=10.1177%2F0954406221096271&amp;partnerID=40&amp;md5=22de79a110d29a43623cd2f23eb1f5d7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130206134&amp;doi=10.1177%2F0954406221096271&amp;partnerID=40&amp;md5=22de79a110d29a43623cd2f23eb1f5d7</a>	<a href="https://www.deepdyve.com/lp/sage/influence-of-coefficient-of-friction-between-punch-blank-interface-on-cx2cg1yfe1?key=sage">https://www.deepdyve.com/lp/sage/influence-of-coefficient-of-friction-between-punch-blank-interface-on-cx2cg1yfe1?key=sage</a>
15	Silpa N, Maheswara Rao VVR. MACHINE LEARNING-BASED OPTIMAL SEGMENTATION SYSTEM FOR WEB DATA USING GENETIC APPROACH. J Theor Appl Inf Technol 2022;100(11):3552-61.	Ms. N Silpa	CSE	Scopus	Journal	Journal of Theoretical and Applied Information Technology	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133520381&amp;partnerID=40&amp;md5=e4ecf66984b4f661713c3ac04bb0504c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133520381&amp;partnerID=40&amp;md5=e4ecf66984b4f661713c3ac04bb0504c</a>	<a href="http://www.jatit.org/volumes/Vol100No11/6Vol100No11.pdf">http://www.jatit.org/volumes/Vol100No11/6Vol100No11.pdf</a>
16	Algani YMA, Boopalan K, Elangovan G, Santosh DT, Chanthirasekaran K, Patra I, Pughazendi N, Kiranbala B, Nikitha R, Saranya M. Autonomous service for managing real time notification in detection of COVID-19 virus. Comput Electr Eng 2022;101.	Dr. G Elangovan	AI	Scopus	Journal	Computers and Electrical Engineering	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131405714&amp;doi=10.1016%2Fj.compeleceng.2022.108117&amp;partnerID=40&amp;md5=9c7f9dd5a80107820b39d0f51cef047d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131405714&amp;doi=10.1016%2Fj.compeleceng.2022.108117&amp;partnerID=40&amp;md5=9c7f9dd5a80107820b39d0f51cef047d</a>	<a href="https://www.sciencedirect.com/science/article/pii/S0045790622003706">https://www.sciencedirect.com/science/article/pii/S0045790622003706</a>
17	Peddapati S, Prasadaro K VS. A new fault-tolerant multilevel inverter structure with reduced device count and low total standing voltage. IEEE Trans Power Electron 2022;37(7):8333-44.	Mr. K V S Prasad Rao	EEE	Scopus, SCI	Journal	IEEE Transactions on Power Electronics	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124771441&amp;doi=10.1109%2FTPEL.2022.3149531&amp;partnerID=40&amp;md5=66bbcd74ca13dc520223e81acd7a615">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124771441&amp;doi=10.1109%2FTPEL.2022.3149531&amp;partnerID=40&amp;md5=66bbcd74ca13dc520223e81acd7a615</a>	<a href="https://ieeexplore.ieee.org/document/9707633">https://ieeexplore.ieee.org/document/9707633</a>

18	Rekha VSD, Padmanabharaju M, Madhav BTP, Reddy SSM. Triple band textile array antenna with enhanced gain and low SAR for off body communication applications. Int J Recent Innov Trend Comput Commun 2022;10(6):44-51.	Dr. M Padmanabha Raju	ECE	Scopus	Journal	International Journal on Recent and Innovation Trends in Computing and Communication	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135878614&amp;doi=10.17762%2fijritcc.v10i6.5626&amp;partnerID=40&amp;md5=a56c9774a37edc726217c7cf3588bb42">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135878614&amp;doi=10.17762%2fijritcc.v10i6.5626&amp;partnerID=40&amp;md5=a56c9774a37edc726217c7cf3588bb42</a>	<a href="https://ijritcc.org/index.php/ijritcc/article/view/5626">https://ijritcc.org/index.php/ijritcc/article/view/5626</a>
19	Rao BVS, Kanakam A, Yedlapalli P. Representable automatized algebra and MV algebra. J Math 2022;20(2):937-43.	Dr. Y Phani	BS-Maths	Scopus	Journal	Thai Journal of Mathematics	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133727198&amp;partnerID=40&amp;md5=b3f36e487fa5dccc4ed083a255baf78d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133727198&amp;partnerID=40&amp;md5=b3f36e487fa5dccc4ed083a255baf78d</a>	<a href="http://thajmath.in.cmu.ac.th/index.php/thajmath/article/viewFile/2352/354355080#:~:text=Let%20A%20%3D%20(A%2C%20%2B.A%20satisfies%20the%20following%20condition.">http://thajmath.in.cmu.ac.th/index.php/thajmath/article/viewFile/2352/354355080#:~:text=Let%20A%20%3D%20(A%2C%20%2B.A%20satisfies%20the%20following%20condition.</a>
20	Vegesna N, Yamuna G, Terlapu SK. Design of linear array for shaped beams using enhanced flower pollination optimization algorithm. Soft Comput 2022;26(12):5805-13.	Dr. T Sudheer Kumar	ECE	Scopus	Journal	Soft Computing	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128748839&amp;doi=10.1007%2fs00500-022-07146-0&amp;partnerID=40&amp;md5=f933bcb3794e22f49b7da58da65ee893">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128748839&amp;doi=10.1007%2fs00500-022-07146-0&amp;partnerID=40&amp;md5=f933bcb3794e22f49b7da58da65ee893</a>	<a href="https://link.springer.com/article/10.1007/s00500-022-07146-0">https://link.springer.com/article/10.1007/s00500-022-07146-0</a>
21	Sahoo R. Cylindrical conformal wideband antenna with enhancement of gain using integrated parasitic triangular shaped elements for WiMAX application. Microelectron Int 2022;39(2):58-66.	Dr. R Sahoo	ECE	Scopus	Journal	Microelectronics International	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124371673&amp;doi=10.1108%2fMI-11-2021-0115&amp;partnerID=40&amp;md5=b0fbab5ddc1807ec26388468a1e210c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124371673&amp;doi=10.1108%2fMI-11-2021-0115&amp;partnerID=40&amp;md5=b0fbab5ddc1807ec26388468a1e210c</a>	<a href="https://www.emerald.com/insight/content/doi/10.1108/MI-11-2021-0115/full/html">https://www.emerald.com/insight/content/doi/10.1108/MI-11-2021-0115/full/html</a>
22	Arunakumari K, Shyamala P, Ameerkan SK, Varma DBNS. ADSORPTIVE MICELLAR FLOCCULATION AND CLOUD POINT EXTRACTION AS PRE-CONCENTRATION METHODS FOR THE DETERMINATION OF PHENOSAFRANINE DYE IN AQUEOUS SOLUTIONS. Rasayan J Chem 2022;15(2):1102-7.	Mr. D B N S Varma	BS-Chemistry	Scopus	Journal	Rasayan Journal of Chemistry	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133832694&amp;doi=10.31788%2fRJ.C.2022.1526873&amp;partnerID=40&amp;md5=8c80eb2b63a586081102795b3c92687b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133832694&amp;doi=10.31788%2fRJ.C.2022.1526873&amp;partnerID=40&amp;md5=8c80eb2b63a586081102795b3c92687b</a>	<a href="https://rasayanjournal.co.in/admin/php/upload/3580_pdf.pdf">https://rasayanjournal.co.in/admin/php/upload/3580_pdf.pdf</a>
23	Kammili PR, Ramakrishnam Raju BHVS, Krishna AS. Handling emotional speech: A prosody based data augmentation technique for improving neutral speech trained ASR systems. Int J Speech Technol 2022;25(1):197-204.	Dr. A Sri Krishna	AI	Scopus	Journal	International Journal of Speech Technology	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115165960&amp;doi=10.1007%2fs10772-021-09897-x&amp;partnerID=40&amp;md5=c4ca920dca62bead22f8ba5cdb893277">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115165960&amp;doi=10.1007%2fs10772-021-09897-x&amp;partnerID=40&amp;md5=c4ca920dca62bead22f8ba5cdb893277</a>	<a href="https://link.springer.com/article/10.1007/s10772-021-09897-x">https://link.springer.com/article/10.1007/s10772-021-09897-x</a>
24	Mann G, Gurave PM, Kaul A, Kadiyala KG, Pokhriyal M, Srivastava RK, Kumar A, Datta A. Polymeric and electrospun patches for drug delivery through buccal route: Formulation and biointerface evaluation. J Drug Deliv Sci Technol 2022;68.	Dr. K Ganesh	BS-Chemistry	Scopus	Journal	Journal of Drug Delivery Science and Technology	<a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121625083&amp;doi=10.1016%2fj.jddst.2021.103030&amp;partnerID=40&amp;md5=d1c1260ac6fe946ead1ae2f601b940b8">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121625083&amp;doi=10.1016%2fj.jddst.2021.103030&amp;partnerID=40&amp;md5=d1c1260ac6fe946ead1ae2f601b940b8</a>	<a href="https://rasayanjournal.co.in/admin/php/upload/3580_pdf.pdf">https://rasayanjournal.co.in/admin/php/upload/3580_pdf.pdf</a>
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