


Title of paper	Name of the Authors	Dept. of the Teacher	Name of Journal/transac tion	Year of publication	ISBN/ISS No.	Link of the recognition in UGC enlistment of the Journal
Diagnosis and Analysis of Automated Liver Tumor Segmentation	Dr.Sreeraj.R	CSE	International Journal Of Engineering Research &	2019	ISSN (Online) : 2278-0181	<a href="https://www.ijert.org/diagnosis-and-analysis-of-automated-liver-and-tumor-segmentation-on-ct">https://www.ijert.org/diagnosis-and-analysis-of-automated-liver-and-tumor-segmentation-on-ct</a>
An Examination of land use & land cover changes in Muvatupuzha River Basin	Shaina Beegam N	CE	International Journal of Recent Technology and Engineering	2019	ISSN 2277-3878	<a href="https://www.semanticscholar.org/paper/An-Examination-of-Land-Use-and-Land-Cover-Changes-Beegam-Arulraj/75e0ed7d3ea6157d1f3835bc868bc6da1492c96b">https://www.semanticscholar.org/paper/An-Examination-of-Land-Use-and-Land-Cover-Changes-Beegam-Arulraj/75e0ed7d3ea6157d1f3835bc868bc6da1492c96b</a>
A review article on impact of urbanization on hydrological parameters	Shaina Beegam N	CE	International Journal of Civil Engg&Technology	2018	ISSN090976-6308	<a href="https://www.researchgate.net/publication/330103923_A_review_article_on_impact_of_urbanization_on_hydrological_parameters">https://www.researchgate.net/publication/330103923_A_review_article_on_impact_of_urbanization_on_hydrological_parameters</a>
Hyper MIMO Spectral Efficiency Enhancement Techniques in 5G	Parvi S Kumar	ECE	IOSR Journal of Electronics and Communication Engineering	2018 -Mar-Apr	ISSN : 2278-2834	
					Vol 13, Issue 2, Ver I	<a href="http://www.iosrjournals.org/iosr-jece/papers/Vol.%2013%20Issue%202/Version-1/E1302012934.pdf">http://www.iosrjournals.org/iosr-jece/papers/Vol.%2013%20Issue%202/Version-1/E1302012934.pdf</a>
Enhancement of channel potential and spectral efficiency using Hyper MIMO in 5G	Athirakrishna K R	ECE	Asian Journal of Applied Science and Technology(AJAST)	2018	Volume 2, Issue 1,	<a href="http://ajast.net/data/uploads/3009.pdf">http://ajast.net/data/uploads/3009.pdf</a>
Hyper MIMO Spectral Efficiency Enhancement Techniques in 5G	Parvi S Kumar	ECE	IOSR Journal of Electronics and Communication Engineering	2018	e-ISSN: 2278-2834	
An Efficient Algorithm for Video Restoration	Shehin A U	ECE	Asian Journal of Applied Science and Technology,	Apr-18	Online ISSN: 2456-883X	<a href="http://ajast.net/data/uploads/4075.pdf">http://ajast.net/data/uploads/4075.pdf</a>
REVERSIBLE DATA HIDING OF IMAGES USING TRINARY REPRESENTATION	Rasmi A	CSE	INTERNATIONAL JOURNAL OF SOFT COMPUTING	2018	ISSN:1816-9503	<a href="https://medwelljournals.com/abstract/?doi=ijscomp.2018.38.47">https://medwelljournals.com/abstract/?doi=ijscomp.2018.38.47</a>
Edge Aware Histogram Modification for High Capacity Reversible Data Hiding	Rasmi A	CSE	International Journal of Pure and Applied Mathematics	2018	ISSN: 1314-3395	<a href="https://acadpubl.eu/hub/2018-119-18/1/99.pdf">https://acadpubl.eu/hub/2018-119-18/1/99.pdf</a>



  
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Neural Networks based Sorting Order for Reversible Data Hiding in Pixel Prediction Error	Rasmi A	CSE	Springer, Optical Memory and Neural Networks, 2018, Vol: 27, No. 4,	2018	ISSN 1060-992X,	<a href="https://link.springer.com/article/10.3103/S1060992X18040082">https://link.springer.com/article/10.3103/S1060992X18040082</a>
A histogram-based watermarking for videos and images with high security"	Ihsana Muhammed	CSE	Springer, DOI:10.1007/978-981-13-1936-5_12	2018	DOI:10.1007/978-981-13-1936-5	<a href="https://link.springer.com/chapter/10.1007/978-981-13-1936-5_12">https://link.springer.com/chapter/10.1007/978-981-13-1936-5_12</a>
Multi Constrained Virtual Machine Allocation for Cloud Services	Bhavya K Bharathan	CSE	International Journal of Intellectual Advancement	2018	ISSN:2348-2079	<a href="http://www.ijarec.com/sites/default/files/articles/IJAREC-18-466_1887-1891.pdf">http://www.ijarec.com/sites/default/files/articles/IJAREC-18-466_1887-1891.pdf</a>
Properties Of Biodiesel And Blends: An Investigative And Comparative Study	Yoosaf P P	ME	Engineering, Science And Technology For Society	2018	ISBN 978-0-8153-5760-5	<a href="https://www.taylorfrancis.com/books/e/9781351124140/chapters/10.1201/9781351124140-82">https://www.taylorfrancis.com/books/e/9781351124140/chapters/10.1201/9781351124140-82</a>
Design And Fabrication Of Activated Carbon Manufacturing Machine And Experimental Investigation Of Saw	P Sreenivasa Prasanth	ME	International Research Journal Of Engineering And Technology	2018	p-ISSN: 2395-0072	<a href="https://www.irjet.net/archive/s/V5/i5/IRJET-V5I5582.pdf">https://www.irjet.net/archive/s/V5/i5/IRJET-V5I5582.pdf</a>
Study and Design of 3Z network Boost covnerters for renewbale energy	Dr.Devi.V	EEE	International Journal for New Science and	2018	ISSN 2349-0780	<a href="https://portal.issn.org/resource/issn/2349-0780">https://portal.issn.org/resource/issn/2349-0780</a>
A simple SEPIC derived DC-DC Converter with TL494 PWM IC	Dr.Devi.V	EEE	International Journal of current advance	2018	ISSN:o:2319-6475, ISSN:P:2	<a href="https://journalijcar.org/sites/default/files/issue-files/6672-A-2018.pdf">https://journalijcar.org/sites/default/files/issue-files/6672-A-2018.pdf</a>
Wind to Hydrogen for Energy Storage	Sarun Kumar K P	EEE	International Journal Of Advanced Research In	2017	ISSN (Online): 2278 – 8875,	<a href="http://www.ijareeie.com/upload/2017/february/13_Wind.pdf">http://www.ijareeie.com/upload/2017/february/13_Wind.pdf</a>
Nut Factor Analysis OfAluminium IVD Coated And Cadmium Electroplated High Strength Fasteners	Neethu P	ME	International Research Journal of Engineering and Technology	2017	p-ISSN: 2395-0072	<a href="https://www.irjet.net/archive/s/V4/i6/IRJET-V4I6137.pdf">https://www.irjet.net/archive/s/V4/i6/IRJET-V4I6137.pdf</a>
HIGH DATA EMBEDDING USING LSB AND PIXEL INTENSITY BASED METHODS	Rasmi A	CSE	International Journal of Advanced Research in Computer	2017	ISS-9-9816-313-IN No. 0976-5697.	<a href="https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnI=09765697&amp;AN=124871488&amp;h=sFOI18C4cAU1931Di4n1i%2f">https://web.a.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnI=09765697&amp;AN=124871488&amp;h=sFOI18C4cAU1931Di4n1i%2f</a>
Recent Review of Reversible Data Hiding in Steganography	Rasmi A	CSE	International Journal of Scientific Research in Science and	2017	ISSN: 2395-1990	<a href="https://www.semanticscholar.org/paper/Recent-Review-of-Reversible-Data-Hiding-in-Rasmi-Mohanapriya/7ec7785d9d8ae023ce41b49b1d40604e63a05500">https://www.semanticscholar.org/paper/Recent-Review-of-Reversible-Data-Hiding-in-Rasmi-Mohanapriya/7ec7785d9d8ae023ce41b49b1d40604e63a05500</a>
Localization of Optic Disc and Blood Vessel Segmentation: A	Bhavya K Bharathan	CSE	International Journal of Computer Applications(I	2017	Volume 160 – No 7, February	<a href="https://pdfs.semanticscholar.org/0adf/7289d931722d8833d398b671eaa47f78b2ac.pdf">https://pdfs.semanticscholar.org/0adf/7289d931722d8833d398b671eaa47f78b2ac.pdf</a>



  
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Survey on Retinal Disease detection techniques	Bhavya K Bharathan	CSE	International Journal of Advanced Research in Computer Engineering Technology (IJARCET)	2017	ISSN: 2278 1323	<a href="http://ijarcet.org/wp-content/uploads/IJARCET-VOL-6-ISSUE-1-119-123.pdf">http://ijarcet.org/wp-content/uploads/IJARCET-VOL-6-ISSUE-1-119-123.pdf</a>
Different Techniques for Cataract Detection	Bhavya K Bharathan	CSE	International Research Journal of Engineering IJAJET	2017	ISSN: 2395 0072	<a href="https://www.irjet.net/archives/V4/i2/IRJET-V4I273.pdf">https://www.irjet.net/archives/V4/i2/IRJET-V4I273.pdf</a>
Survey On Extraction Of Airways And Nodules Of Lungs	Dr.Sreeraj.R	CSE		2017, February	ISSN 2454-6933	<a href="http://www.ijaiet.com/survey-on-extraction-of-airways-and-nodules-of-lungs/">http://www.ijaiet.com/survey-on-extraction-of-airways-and-nodules-of-lungs/</a>
Structural analysis for modified fibre reinforced plastic industrial cooling tower – A case study	Dr. Umesh Sundar	ME	Journal of Intelligent and Fuzzy Systems	2017	DOI: 10.3233/JIFS-162038	<a href="https://www.researchgate.net/publication/317257037_Structural_analysis_for_modified_fibre_reinforced_plastic_industrial_cooling_tower_-_A_case_study">https://www.researchgate.net/publication/317257037_Structural_analysis_for_modified_fibre_reinforced_plastic_industrial_cooling_tower_-_A_case_study</a>
Multi-agent based systems on micro grid—A review	Kiran P	EEE	2017 International Conference on Intelligent Computing and Control (I2C2)	2017	DOI: 10.1109/I2C2.2017.8321880	<a href="https://ieeexplore.ieee.org/document/8321880">https://ieeexplore.ieee.org/document/8321880</a>
Wind to Hydrogen for Energy Storage	Dr. Devi V	EEE	International Journal Of Advanced Research In	2017	ISSN (Online): 2278 – 8875	<a href="http://www.ijareeie.com/upload/2017/february/13_Wind.pdf">http://www.ijareeie.com/upload/2017/february/13_Wind.pdf</a>
A Study and Analysis of Speckle Reduction Method in Digital Holography	Amrutha C	CSE	International journal of scientific engineering and applied science (IJSE)	2016	E-ISSN: 2347-2693	<a href="https://s3.amazonaws.com/academia.edu.documents/51263611/7-IJSE-01859-1.pdf?response-content-disposition=inline%3B%20filename=">https://s3.amazonaws.com/academia.edu.documents/51263611/7-IJSE-01859-1.pdf?response-content-disposition=inline%3B%20filename="</a>
Increasing Sensitivity, Specificity and PPV for Liver tumor Segmentation and Classification Using Enhanced GLCM	Dr.Sreeraj.R	CSE	Biomedical and Pharmacological Journal	Aug-16	DOI : <a href="http://dx.doi.org/10.13005/bpj/1073">http://dx.doi.org/10.13005/bpj/1073</a>	<a href="http://biomedpharmajournal.org/vol9no3/increasing-sensitivity-specificity-and-ppv-for-liver-tumor-segmentation-and-classification-using-enhanced-glcm/">http://biomedpharmajournal.org/vol9no3/increasing-sensitivity-specificity-and-ppv-for-liver-tumor-segmentation-and-classification-using-enhanced-glcm/</a>



  
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Automatic Detection of Liver Tumor in CT Image Using Region Growing and SVM Classifier"	Dr.Sreeraj.R	CSE	International Journal of Computer Sciences & Engineering	Nov-16	E-ISSN: 2347-2693	<a href="https://pdfs.semanticscholar.org/6cbb/04e745fd03cd912ddff3fa43a4174e61b129.pdf?ga=2.190294254.414023422.1582779898-1877072740.1582779898">https://pdfs.semanticscholar.org/6cbb/04e745fd03cd912ddff3fa43a4174e61b129.pdf?ga=2.190294254.414023422.1582779898-1877072740.1582779898</a>
The Effect of PolypropyleneFibre on the behavior of soil mass with reference to the strength parameters	Snigdha V K	CE	International Journal of Engineering Research &Technology	2016	ISSN: 2278-0181	<a href="https://www.ijert.org/research/the-effect-of-polypropylene-fibre-on-the-behaviour-of-soil-mass-with-reference-to-the-strength-parameters-IJERTV5IS031301.pdf">https://www.ijert.org/research/the-effect-of-polypropylene-fibre-on-the-behaviour-of-soil-mass-with-reference-to-the-strength-parameters-IJERTV5IS031301.pdf</a>
Effect of Bentonite on Hydraulic Conductivity of Landfill Liner"	Chinju Vijayan	CE	International Journal of Engineering Research & Technology	2016	DOI : http://dx.doi.org/10.17577/IJERTV5IS031180	<a href="https://www.ijert.org/effect-of-bentonite-on-hydraulic-conductivity-of-landfill-liner">https://www.ijert.org/effect-of-bentonite-on-hydraulic-conductivity-of-landfill-liner</a>
An Enhanced Cryptography For ECG Steganography To Satisfy HIPAA	Mr.S.P. PredeepKumar	CSE	Biomedical &Pharmacology Journal	2016	1087-1094	<a href="http://biomedpharmajournal.org/vol9no3/an-enhanced-cryptography-for-ecg-steganography-to-satisfy-hipaa-privacy-and-security-regulation-for-bio-medical-datas/">http://biomedpharmajournal.org/vol9no3/an-enhanced-cryptography-for-ecg-steganography-to-satisfy-hipaa-privacy-and-security-regulation-for-bio-medical-datas/</a>
Output Regulation of Hybrid Renewable Energy System through Hysteresis	Dr. Devi V	EEE	International Journal of Embedded Systems and	2016	ISSN-2231-6604.	<a href="http://ecc.journalspub.info/index.php?journal=JESET&amp;page=article&amp;op=view&amp;path%5B%5D=38">http://ecc.journalspub.info/index.php?journal=JESET&amp;page=article&amp;op=view&amp;path%5B%5D=38</a>
An Overview of Control Strategies of an APFC Single Phase Front End	Dr. Devi V	EEE	International Journal for Research in Applied	2016	ISSN: 2321-9653	<a href="https://www.ijraset.com/files/erve.php?FID=4679">https://www.ijraset.com/files/erve.php?FID=4679</a>
Multi MOSFET Series Resonant Inverter for Enhancing the Efficiency of Induction Cooktops	Dr. Devi V	EEE	International Journal for Research in Applied Science & Engineering Technology (IJRASET),	2016	ISSN: 2321-9653	<a href="https://www.ijraset.com/files/erve.php?FID=4678">https://www.ijraset.com/files/erve.php?FID=4678</a>
Maintaining power quality standards for personal computers using Zeta Converters	Dr. Devi V	EEE	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET)	2016	ISSN 2394-3777	<a href="#">Maintaining power quality standards for personal computers using Zeta Converters</a>



  
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Characterization and Sliding Wear Analysis of Austempered Ductile Iron	K A Sandeep	ME	International Journal of Materials Science and Engineering	2016	doi: 10.17706/ ijmse.201 6.4.1.1-15	<a href="http://www.ijmse.net/index.php?m=content&amp;c=index&amp;a=show&amp;catid=49&amp;id=119+">http://www.ijmse.net/index.php?m=content&amp;c=index&amp;a=show&amp;catid=49&amp;id=119+</a>
Transmission time minimization and BER performance improvement for MIMO with energy harvesting transmitter	Najiyaabdulrahiman	ECE	International Journal of Engineering Science and Computing, April 2016	2016	DOI 10.4010/2 016.813 ISSN 2321 3361 © 2016 IJESC	<a href="http://ijesc.org/upload/b8f3a0a97a2a70941ca751163175854.Transmission%20Time%20Minimization%20and%20BER%20Performance%20Improvement%20for%20MIMO%20with%20Energy%20Harvesting%20Transmitter.pdf">http://ijesc.org/upload/b8f3a0a97a2a70941ca751163175854.Transmission%20Time%20Minimization%20and%20BER%20Performance%20Improvement%20for%20MIMO%20with%20Energy%20Harvesting%20Transmitter.pdf</a>
Efficient online and offline template update mechanisms for speaker recognition.	Remyarajendren	ECE	Science Direct- Computers and Electrical Engineering	2016 February	<a href="https://doi.org/10.1016/j.compeleceng.2015.12.003">https://doi.org/10.1016/j.compeleceng.2015.12.003</a>	<a href="https://www.sciencedirect.com/science/article/pii/S0045790615004309?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S0045790615004309?via%3Dihub</a>
Identification of Precise Object among various	Giby Jose	ECE	(special issue on Innovations in information Embedded and communication Systems)	2016SEP TEMBER	Pak. J. Biotechnol	<a href="http://www.pjbt.org/uploads/Special/Special-Issue-(ICIIECS-16)-Year-2016%20(112)">http://www.pjbt.org/uploads/Special/Special-Issue-(ICIIECS-16)-Year-2016%20(112)</a>
Objects using sparse coding – A Review” in Pak.J.Biotechnology					Vol 13	
Efficient Multicasting in Multihop Wireless Mesh Network Based on Multicast Transmission Count	Kamal Gangu	ECE	IJESC (International Journal of Engineering Science and Computation)	2016	DOI 10.4010/2 016.650 ISSN 2321 3361 © 2016 IJESC	<a href="http://ijesc.org/upload/9419a78533dc64305a58ab98ce673735.Efficient%20Multicasting%20in%20Multihop%20Wireless%20Mesh%20Network%20Based%20on%20Multicast%20Transmission%20Count.pdf">http://ijesc.org/upload/9419a78533dc64305a58ab98ce673735.Efficient%20Multicasting%20in%20Multihop%20Wireless%20Mesh%20Network%20Based%20on%20Multicast%20Transmission%20Count.pdf</a>



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Spatial Modulation - a High Efficient Technique for MIMO Communication	Narayanan P P	ECE	IOSR Journal of Electronics and Communication Engineering	2016	e-ISSN: 2278-2834, p-ISSN: 2278-8735.	<a href="http://iosrjournals.org/iosr-jece/papers/ICETEM/Vol.%201%20Issue%202/ECE%202680-86.pdf">http://iosrjournals.org/iosr-jece/papers/ICETEM/Vol.%201%20Issue%202/ECE%202680-86.pdf</a>
Study on Buckling Effect of Cutouts on the Optimized Fibre Orientated Laminated Composite Plate	Anu George	CE	International Journal of Engineering Research and General Science	2015	e-ISSN: 2278-1684, p-ISSN: 2320-334X,	<a href="http://www.iosrjournals.org/iosr-jmce/papers/ICETEM/Vol.%201%20Issue%201/04-21-25.pdf">http://www.iosrjournals.org/iosr-jmce/papers/ICETEM/Vol.%201%20Issue%201/04-21-25.pdf</a>
Evaluation of Corrosion Resistance of IVD Coatings on E40CDV20 Steel Fasteners	Neethu P	ME	International Journal of Science and Research (IJSR)	2015	ISSN (Online): 2319-7064	<a href="https://www.ijer.net/archive/v6i6/ART20174617.pdf">https://www.ijer.net/archive/v6i6/ART20174617.pdf</a>
A Hybrid Renewable Energy Generation System through a Multi Input DC-DC Converter Control	Dr. Devi. V	EEE	International Journal of Electrical Electronics & Computer Science Engineering	2015	ISSN : 2348-2273	<a href="https://www.ijeecse.com/V2N1-022.pdf">https://www.ijeecse.com/V2N1-022.pdf</a>
Application of QFD and CFD for Increasing the Efficiency of 30TR FRP Cooling Tower-A Review and Case Studies	Dr. Umesh Sundar	ME	International Journal of Mechanical & Mechatronics Engineering IJMME-IJENS	2014	142401-9696-IJMME-IJENS © February 2014 IJENS	<a href="http://ijens.org/Vol_14_1_01/142401-9696-IJMME-IJENS.pdf">http://ijens.org/Vol_14_1_01/142401-9696-IJMME-IJENS.pdf</a>



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