3.4.3 Number of research papers per teacher in the Journals notified on UGC website during the last five years (5)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
Green Corrosion Inhibitors in various Corrodinh Medium	M.Thirumalaikumar	Applied Chemistry	Bulgarian Chemical Communications	2020-21	0324-1130	http://www.bcc.bas.bg/	http://bcc.bas.bg/BCC_Volumes/Volume_53_Number_2_2021/bcc-53-2-142-157-thirumalaikumar-5271.pdf	Scopus
High Diffusivity Coefficient of cyclic voltametric behavior of semicarbazones and thiosemicarbazones and their antimicrobial studeis	JB. Veeramalini, B.A.Brundha, S.Gowthami and G.Baskar	Applied Chemistry	Asian Journal of Chemistry	2020-21	0970-7077	https://www.asianjournalofchemistry.co.in/Home.aspx	http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=32_12_39	Scopus
Comparative study of the stability of edible oil by the utilization of various natural antioxidants	JB.Veeramalini, G.Baskar and B.Thomas Edison	Applied Chemistry	IOP Conference Series : Materials Science and Engineering	2020-21	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/1757-899X/955/1/012101/pdf	Other
Silver particles coating on polyproplene matrix for bacterial filter property	S.Ananda Babu, A.L.Kavitha, R.Rajeswari and H.Gurumallesh Prabu	Applied Chemistry	Journal of Thin Films, Coating Science Technology & Application	2020-21	2455-3344	http://stmjournals.com/Journal-of-Thin-Films-Coating-Science-Technology-and-Application.html	http://engineeringjournals.stmjournals.in/index.php/JoTCSTA/article/view/4536	Other
Preparation of Ag releasing biomedical contrivance using ZnO - reduced graphene oxide hybrid	R.Rajeswari, A.Kavitha and S.Ananda Babu	Applied Chemistry	IJEDR	2020-21	2321-9939	www.ijedr.org	https://ijedr.org/papers/IJEDR2101038.pdf	Other

A review on Graphene based Metal/Metal oxide Composites and enhanced properties along with Biomedical Applications	R.Rajeswari, A.Kavitha, S.Ananda Babu and PH Gurumallesh	Applied Chemistry	Nano Research and Applications	2020-21	2471-9838	https://nanotechnology.imedpub.com	https://nanotechnology.imedpub.com/a-review-on-graphene-based-metalmetal-oxide-composites-and-enhanced-properties-along-with-biomedical-applications.pdf	Other
MHD-parabolic flow past an accelerated isothermal vertical plate with heat and mass diffusion in the presence of rotation	A.Selvaraj, S. Dilip Jose, R.Muthucumaraswamy, S.Karthikeyan.	Applied Mathematics	Materials Today: Proceedings.	2020-21	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2020.12.499	Scopus
Hall Effect Unsteady Flow Past An Isothermal Vertical Plate In A Rotating Fluid With Variable Mass Diffusion In The Presence Of Chemical Reaction Of First Order	V. D. Kumaar, R. Muthucumaraswamy, L. Manjula	Applied Mathematics	Advances in Mathematics: Scientific Journal 9 (2020), no.5, 2749–2759	2020-21	1857-8365	https://research-publication.com/amsj	https://research-publication.com/wp-content/uploads/2020/vol-9-n5/AMSJ-2020-N5-37.pdf	Scopus
Transient Hydromagnetic Studies Of Rotating Fluid On An Infinite Vertical Plate With First Order Chemical Reaction Thermal Radiation And Hall Effect	L. Manjula, R. Muthucumaraswamy	Applied Mathematics	Advances in Mathematics: Scientific Journal 9 (2020), no.5, 2761–2772	2020-21	1857-8365	https://research-publication.com/amsj	https://research-publication.com/wp-content/uploads/2020/vol-9-n5/AMSJ-2020-N5-38.pdf	Scopus
Hall current and radiation effect with mass diffusion on transient rotating MHD flow	L. Manjula, R. Muthucumaraswamy	Applied Mathematics	Malaya Journal of Matematik, Vol. 8, No. 4, 1434-1438, 2020	2020-21	2319-3786	https://www.malayajournal.org/index.php/mjm	https://www.malayajournal.org/archive/selected_article.php?id=1151	Other
Steady state performance measures of an M/M/1 queue with single working vacation subject to catastrophe	B Thilaka, B.Poorani.	Applied Mathematics	International Journal of Advanced Science and Technology, Vol. 29, No. 5s, pp. 173-182, 2020.	2020-21	2005-4238	http://sersc.org/journals/index.php/IJAST/index	http://sersc.org/journals/index.php/IJAST/article/view/7070/4214	Scopus

Optimal time for withdrawal of voluntary retirement scheme with a probability of acceptance of retirement request	B Thilaka, Janaki Sivasankaran, S. Udayabaskaran.	Applied Mathematics	Journal of Information Technology and Digital World, Vol.02. No. 04, pp: 201-206.	2020-21	2582-418X	https://www.irojournals.com/itdw/	https://irojournals.com/itdw/V2/I4/02.pdf	Other
Bimagic Labelling on families of graph in Fuzzy Intuitionistic Space	J. Komathi, K. Anitha, D. Meiyappan	Applied Mathematics	Test Engineering and Management, Vol. 83, pp. 16313-16317.	2020-21	0193-4120	https://www.testmagzine.biz/index.php/testmagzine	https://www.testmagzine.biz/index.php/testmagzine/article/view/10014/7625	Scopus
Analysis of skin friction effects on rotating fluid past a vertical plate with variable temperature and mass diffusion	J. Ravikumar, A.R. Vijayalakshmi, R. Venkatraman and S. Thalapathiraj.	Applied Mathematics	AIP Conference Proceedings 2282, 020036, 2020.	2020-21	0094-243X	https://aip.scitation.org/journal/apc	https://doi.org/10.1063/5.0028463	Scopus
Effects of Mass Transfer on Varying Viscosity and Thermal Diffusivity over a Vertical Plate with Applied Magnetic Field and Heat Flux	M. Radhakrishnan, G. Palani.	Applied Mathematics	Solid State Technology, Vol.63, No. 5, 2020.	2020-21	0038-111X	https://solidstatetechnology.us/index.php/JSST	https://solidstatetechnology.us/index.php/JSST/article/view/7108	Other
Degree based descriptors of certain classes of dendrimer graphs.	K. Pattabiraman, A.Santhakumar, G. Satheeshkumar.	Applied Mathematics	Materials Today: Proceedings.	2020-21	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2020.12.881	Scopus
Molecular topological characterization of three classes of polycyclic aromatic hydrocarbons.	S. Prabhu, G. Murugan, Micheal Arockiaraj,M. Arulperumjothi, V. Manimozhi.	Applied Mathematics	Journal of Molecular Structure, Vol. 1229, 129501, IF: 2.463, 2021.	2020-21	0022-2860	https://mjl.clarivate.com:/search-results?issn=0022-2860&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://doi.org/10.1016/j.molstruc.2020.129501	Web of Science

Structural Analysis of Three Types of PAHs using Entropy Measures	K. Julietraja, P. Venugopal, S. Prabhu, A.K. Arulmozhi, M.K. Siddiqui.	Applied Mathematics	Polycyclic Aromatic Compounds IF: 1.894, 2021.	2020-21	1040-6638	https://www.tandfonline.com/toc/gpol20/current	https://doi.org/10.1080/10406638.2021.1884101	Web of Science
Molecular Structural Descriptors of Donut Benzenoid Systems.	K. Julietraja, P. Venugopal, S. Prabhu, S. Deepa, M.K. Siddiqui.	Applied Mathematics	Polycyclic Aromatic Compounds IF: 1.894, 2021.	2020-21	1040-6638	https://www.tandfonline.com/toc/gpol20/current	https://doi.org/10.1080/10406638.2021.1885456	Web of Science
On Certain Topological Indices of Three Layered Single-Walled Titania Nanosheets.	Micheal Arockiaraj, Jia-Bao Liu, M. Arulperumjothi, S. Prabhu.	Applied Mathematics	Combinatorial Chemistry & High Throughput Screening, I.F: 1.195, 2020.	2020-21	1386-2073	https://www.eurekaselect.com/585/journal/combinatorial-chemistry-amp-high-throughput-screening	https://doi.org/10.2174/1386207323666201012143430	Web of Science
Wiener Polarity Index Calculation of Square-Free Graphs and Its Implementation to Certain Complex Materials	Lin Zhang, Tian-Le Sun, Micheal Arockiaraj, M. Arulperumjothi, S. Prabhu.	Applied Mathematics	Mathematical Problems in Engineering, I.F: 1.009, 2020.	2020-21	1024-123X	https://www.hindawi.com/journals/mpe/	https://doi.org/10.1155/2021/6686352	Web of Science
Second Zagreb and Sigma indices of semi and total transformations of graphs.	Zhen Yang, Micheal Arockiaraj, S. Prabhu, M. Arulperumjothi, Jia-Bao Liu.	Applied Mathematics	Complexity, Accepted. IF: 2.462, 2020.	2020-21	1076-2787	https://www.hindawi.com/journals/complexity/	https://doi.org/10.1155/2021/6828424	Web of Science
Distance Based and Bond Additive Topological Indices of Certain Repurposed Antiviral Drug Compounds Tested for Treating COVID-19	Jia-Bao Liu, M. Arockiaraj, M. Arulperumjothi, S. Prabhu.	Applied Mathematics	International Journal of Quantum Chemistry, I.F: 1.747.	2020-21	1097-461X	https://onlinelibrary.wiley.com/journal/1097461x	https://doi.org/10.1002/qua.26617	Web of Science

Topological Characterization of Hexagonal and Rectangular Tessellations of Kekulenes as Traps for Toxic Heavy Metal Ions.	M. Arockiaraj, S. Prabhu, M. Arulperumjothi, S.R.J. Kavitha, K. Balasubramanian.	Applied Mathematics	Theoretical Chemistry Accounts, Accepted I.F: 1.498.	2020-21	1432-881X	https://www.springer.com/journal/214	https://doi.org/10.1007/s00214-021-02733-0	Web of Science
Degree- and Irregularity-based Molecular Descriptors for Benzenoid Systems.	Yu-Ming Chu, K. Julietraja, P. Venugopal, M.S. Siddiqui, S. Prabhu.	Applied Mathematics	The European Physical Journal Plus, 136, 78 IF: 3.228, 2020.	2020-21	2190-5444	https://www.springer.com/journal/13360	https://doi.org/10.1140/epjp/s13360-020-01033-z	Web of Science
M-polynomial and Degree-Based Molecular Descriptors of Certain Classes of Benzenoid Systems.	K. Julietraja, P. Venugopal, S. Prabhu, J.-B. Liu.	Applied Mathematics	Polycyclic Aromatic Compounds, https://doi.org/10.1080/10406638.20 20.1867205 IF: 1.894.	2020-21	1040-6638	https://www.tandfonline.com/toc/gpol20/current	https://doi.org/10.1080/10406638.2020.1867205	Web of Science
Bond Additive Molecular Descriptors of C4C8(S) and C4C8(R) Nanostructures	S. Prabhu, D. Meiyappan, P. Yakkana Rajasankar, G. Murugan	Applied Mathematics	Journal of Information and Computational Science, Vol. 11 No. 3 – 2021, 87-97.	2020-21	1548 - 7741	http://www.joics.org/	https://drive.google.com/file/d/1ICzwx9P_3EO_Svy7Pnzr38M-lDPbqhhY/view	UGC
On Certain Topological Indices of Gold crystal	S. Prabhu, S. Sai Kumari K. Sudhakar, G. Murugan	Applied Mathematics	Materials Today: Proceedings	2020-21	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2021.03.676	Scopus
Robust Stability Analysis of Delayed Stochastic Neural Networks via Wirtinger-Based Integral Inequality.	R. Suresh, A. Manivannan	Applied Mathematics	Neural Computation Vol. 33, pp. 227–243, 2021.	2020-21	0899-7667	https://direct.mit.edu/neco	https://direct.mit.edu/neco/article/33/1/227/95660/Robust-Stability-Analysis-of-Delayed-Stochastic	Web of Science

Runge-Kutta Fehlberg Method for Solving Linear and Nonlinear Fuzzy Fredholm Integro-Differential Equations.	P. Hammachukiattikul, B. Unyong, R. Suresh, G. Rajchakit, R. Vadivel, N. Gunasekaran, C.P. Lim.	Applied Mathematics	Appl. Math. Inf. Sci. Vol.15, No.1, pp.43-51, 2021.	2020-21	1935-0090	http://www.naturalspublishing.com/show.asp?JorID=1&pgid=0	http://dx.doi.org/10.18576/amis/150106	Scopus
Quantum Chemical, Vibrational Spectroscopic amd Molecular Docking Studies of 1- (diphenylmethyl) piperazine.	B.R.Rajaraman, N.R.Sheela, S.Muthu.	Applied Physics	Polycylic Aromatic Compounds, Online Journal page 1-22, 2020.	2020-21	15635333, 10406638	https://www.tandfonline.com/	https://www.tandfonline.com/doi/abs/10.1080/10406638.2020.1852273	Scopus
Experimental and Computational Flow Analysis of Geometrically Modified Solar Chimney Power Plant	J.Venkatesan	AUT	Journal of the Balkan Tribological Association - Computer Simulations	2020-21	1310-4772	https://scibulcom.net/en/journal/1310-4772	https://scibulcom.net/en/article/EX10Zg5Cy6SmuXRos2PH	Scopus
Analysis of Bronze Hybrid Composite for Spark Ignition Engine Piston.	J. Venkatesan	AUT	FME Transactions	2020-21	14512092	https://portal.issn.org/resource/ISSN/1451-2092	https://portal.issn.org/resource/ISSN/1451-2092	Science Citation Index Expanded
Predictive correlations for NOx and smoke emission of DI CI engine fuelled with diesel-biodiesel-higher alcohol blends-response surface methodology approach	G. Ravi	AUT	Fuel Elsevier	2020-21	J.FUEL.2020.117304	https://www.journals.elsevier.com/fuel	https://www.scinapse.io/papers/3006824976	Science Citation Index Expanded
Troubled Waters: Reading Joe'D' Cruz Ocean Rimmed World as a Critique of Marine Life and Mariner's Life	C Amutha charu Sheela& T Murugavel	Humanities & Social Sciences	Tierärztliche Praxis	2020-21	ISSN: 0303-6286 Vol 41,	https://tierarztliche.com/Vol-41-2021/	https://tierarztliche.com/Archives/ / https://tierarztliche.com/gallery/v41.15.pdf	Peer Reviewed/Others

Combined effects of water emulsion and CH3NO2 (nitromethane) additive on combustion performance and emissions characteristics of a single-cylinder diesel engine using neem and cotton seed oil as biodiesel blends	S.Premnath	AUT	AIP Conference Proceedings 2283, 020039 (2020).	2020-21	1451- 2092	https://aip.scitation.org/journal/apc	https://aip.scitation.org/doi/10.1063/5.0026082	Scopus Indexed
Secondary tire inflation system for blown out tire.	S.Premnath	AUT	2020 IOP Conf. Ser.: Mater. Sci. Eng. 923 012005, October 2020. ISSN 1757-899X	2020-21	0094-243X (print) 1551-7616 (web)	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/923/1/012005	Others
Numerical optimization of design and fuel factors and development of a statistical model for the emission control of DI CI engine	G. Ravi	AUT	Fuel, Elsevier	2020-21	0016-2361	https://www.journals.elsevier.com/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236120316525?via%3Dihub	Science Citation Index Expanded
Application of MRSN ratio and Taguchi parametric design in optimization of parameters of DI CI engine fuelled with diesel-biodiesel-higher alcohol blends	G. Ravi	AUT	Fuel, Elsevier	2020-21	0016-2361	https://www.journals.elsevier.com/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236120321128?via%3Dihub	Science Citation Index Expanded
The Role of Cytokines in Interactions of Mesenchymal Stem Cells and Breast Cancer Cells	Hariharan Jayaraman, Nalinkanth V. Ghone*, Ranjith Kumaran R and Himanshu Dashora	Biotechnology	Current stem cell research Therapy	2020-21	1574-888X / 2212-3946	https://benthamscience.com/journals/current-stem-cell-research-and-therapy/	https://pubmed.ncbi.nlm.nih.gov/33092514/	Scopus/ Web of Science
EVALUATION OF PROTECTIVE EFFECT OF AQUATIC WEED HYDRILLA VERTICILLATA AGAINST LEAD INDUCED ACUTE LIVER TOXICITY IN FISH	Pandi Prabha S, Karthik C, Shanmuga Priya G	Biotechnology	International Journal of Pharmaceutical Sciences and Research	2020-21	2320-5148	https://ijpsr.com/	https://ijpsr.com/bft-article/evaluation-of-protective-effect-of-aquatic-weed-hydrilla-verticillata-against-lead-induced-acute-liver-toxicity-in-fish/	EMBASE - Elsevier, PubMed (Selected citations), Web of Science - Emerging Sources Citation Index (Coverage till

Synthesis, Characterization of Ag-SiO2 Nanocomposite and Its Application in Food Packaging	Karthik C, Caroline D G, Dhanam Priya M, Pandi Prabha S	Biotechnology	Journal of Inorganic and Organometallic Polymers and Materials	2020-21	1574-1443 / 1574-1451	https://www.springer.com/journal/10904	https://link.springer.com/article/10.1007%2Fs10904-020-01853-7	Scopus/ Web of Science
In silico binding analysis of human CD40 ligand mimetic molecule, 3-(dimethylamino)-1-phenyl-1-propanone hydrochloride (3-DPH), with CD40 receptor molecules of various mammalian species	S. Sivagami, R. Rathna, S. Nagavignesh, N.V. Ghone and M. Sivanandham	Biotechnology	Journal of Environmental Biology	2020-21	0254-8704	http://www.jeb.co.in/index.php?page=jeb_home	http://www.jeb.co.in/index.php?page=abstract&issue=202103_mar21&number=2	Scopus/ Web of Science
Chemico-nanotreatment methods for the removal of persistent organic pollutants and xenobiotics in water – A review	Guruviah Karthigadevi , Sivasubramanian Manikandan , Natchimuthu Karmegam , Ramasamy Subbaiya	Biotechnology	Bioresource Technology	2020-21	0960-8524 / 1873-2976	https://mjl.clarivate.com:/search-results?issn=0960-8524&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://pubmed.ncbi.nlm.nih.gov/33461128/	Scopus/ Web of Science
Production optimization, purification and characterization of lipopeptide biosurfactant obtained from Brevibacillus sp. AVN13	C.Vigneshwaran, K.Vasantharaj, N.Krishnanand, V.Sivasubramanian	Biotechnology	Journal of Environmental CHemical Engineering	2020-21	2213-2929 / 2213-3437	https://mjl.clarivate.com:/search-results?issn=2213-2929&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.sciencedirect.com/science/article/abs/pii/S2213343720312161?via%3Dihub	Scopus/ Web of Science
Microbial nitroreductases: A versatile tool for biomedical and environmental applications	Ramya Sree B, Divakar K	Biotechnology	Biotechnology and Applied Biochemistry	2020-21	1470-8744	https://iubmb.onlinelibrary.wiley.com/journal/14708744	https://doi.org/10.1002/bab.2073	Scopus/ Web of Science
Valorization of cassava waste for pullulan production by Aureobasidium pullulans MTCC 1991	Ms. Viveka R, Dr. Sunita V and Prof. E. Nakkeeran	Biotechnology	Energy & Environment	2020-21	0958-305X / 2048-4070	https://mjl.clarivate.com:/search-results?issn=0958-305X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://journals.sagepub.com/doi/abs/10.1177/0958305X20908065	Scopus/Web of Science

Hexavalent chromium sequestration from electronic waste by biomass of Aspergillus carbonarius	Ms. Lakshmi S, Ms. Suvedha K, Ms. Sruthi R, Ms. Lavanya J, Dr. Sunita V and Prof. Nakkeeran E	Biotechnology	Bioengineered	2020-21	2165-5979 / 2165-5987	https://mjl.clarivate.com:/search-results?issn=2165-5979&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.tandfonline.com/doi/full/10.1080/21655979.2020.1780828	Scopus/Web of Science
T-cell epitope-based vaccine design against Nipah virus by Reverse Vaccinology approach	Praveen Kumar P.K, Sekar Subasree, Udhayachadran Arthi, Mobashir Imam, Chirag Gowda, Prasanna D Revanasiddappa	Biotechnology	Combinatorial Chemistry and High throughput Screening	2020-21	1386-2073	https://mjl.clarivate.com:/search-results?issn=1386-2073&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://pubmed.ncbi.nlm.nih.gov/32338213/#:~:text=These%20two%20peptides%20predicted%20by,epitope%2Dbased%20Nipah%20virus%20vaccine.	Scopus/ Web of Science
In-silico study reveals immunological signalling pathways, their genes and potential herbal drug targets in ovarian cancer	Praveen Kumar P.K, Mohammad Asrar Izhari, Saad Mustafa, Mohammad Hossein Nasirpour, Mahboobeh Mehmankhah and Mohammad Mobashir	Biotechnology	Informatics in Medicine Unlocked	2020-21	2352-9148	https://www.sciencedirect.com/journal/informatics-in-medicine-unlocked	https://www.sciencedirect.com/science/article/pii/S2352914820305724	Scopus/ Web of Science
Chitosan-Based Silver Nanocomposite for Hexavalent-Chromium Removal from Tannery Industry Effluent Using a Packed-Bed Reactor	Nakkeeran Ekambaram, Sunita Varjani, Sumi Goswami, Urvashi Singh, Tanisha Kapoor	Biotechnology	Journal of Environmental Engineering	2020-21	0733-9372	https://mjl.clarivate.com:/search-results?issn=0733-9372&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29EE.1943-7870.0001701#:~:text=In%20the%20present%20study%2C%20chitosan,effluents%20after%20metal%2Dnanoco	Scopus/Web of Science
Insights into interdisciplinary approaches for bioremediation of organic pollutants: innovations, challenges and perspectives	Bishwambhar Mishra, Sunita Varjani, Ipshita Pradhan, Nakkeeran Ekambaram, Jose A Teixeira, Huu Hao Ngo, Wenshan Guo	Biotechnology	Proceedings of the National Academy of Sciences, India Section B: Biological Sciences	2020-21	0369-8211	https://mjl.clarivate.com:/search-results?issn=0369-8211&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://link.springer.com/article/10.1007/s40011-020-01187-x	Scopus/Web of Science
The Role Of Cytokines In Interactions Of Mesenchymal Stem Cells And Breast Cancer Cells.	Hariharan Jayaraman, Nalinkanth V. Ghone, Ranjith K Rajan, Himanshu Dashora	Chemical Engineering	Current Stem Cell Research & Therapy	2020-21	1574-888X	https://benthamscience.com/journals/current-stem-cell-research-and-therapy/	https://pubmed.ncbi.nlm.nih.gov/33092514/#:~:text=Several%20studies%20have%20confirmed%20the,and%20adhesion%20of%20cancer%20cells.	Web of Science

In Silico Binding Analysis Of Human Cd40 Ligand Mimetic Molecule,3-(Dimethylamino) -1-Phenyl-1-Propanone Hydrochloride (3-Dph), With Cd40 Receptor Molecules Of Various Mammalian Species	S. Sivagami, R. Rathna, S. Nagavignesh, Nalinkanth V. Ghone M. Sivanandham	Chemical Engineering	Journal of Environmental Biology.	2020-21	0254-8704	http://www.jeb.co.in/index.php?page=jeb_home	http://www.jeb.co.in/journal_issues/202103_mar21/paper_02.pdf	Web of Science
Generation Of Energy From Salinity Gradients Using Capacitive Reverse Electro Dialysis: A Review	Govindarasu Ramasamy, Praveen Kumar Rajkumar, Meyyappan Narayanan	Chemical Engineering	Environmental Science and Pollution Research	2020-21	1614-7499	https://www.springer.com/journal/11356	https://link.springer.com/article/10.1007/s11356-020-12188-8	Web of Science
Experimental Studies On A New Controller Design And Implementation In Direct Methanol Fuel Cell	Govindarasu Ramasamy, Solaiappan Somasundaram	Chemical Engineering	Processes	2020-21	2227-9717	https://www.mdpi.com/journal/processes	https://www.mdpi.com/2227-9717/8/7/796	Web of Science
Analysis On Production Of Bioethanol For Hydrogen Generation	Abirami Palanisamy, Nivedha Soundarrajan, Govindarasu Ramasamy	Chemical Engineering	Environmental Science and Pollution Research	2020-21	1614-7499	https://www.springer.com/journal/11356	https://link.springer.com/article/10.1007/s11356-021-14554-6	Web of Science
Dynamic Model-Based Controller Design For Direct Methanol Fuel Cell	Govindarasu R, Sudha G, Saranya K, Vijayakarthick M	Chemical Engineering	Tierarztliche Praxis	2020-21	0303-6286	https://tierarztliche.com/	https://www.tierarztliche.com/gallery/v41.42.pdf	Scopus
Analysis On Geometry Of Fluid Flow Manifold In Direct Methanol Fuel Cell	Ramasamy Govindarasu, R. Kavitha, M. NAmbiraj, R. Praveen Kumar, N.N. Harish Kumar	Chemical Engineering	European Journal of Engineering and Technology Research	2020-21	2736-576X	https://ej-eng.org/index.php/ejeng	https://ej-eng.org/index.php/ejeng/article/view/1851	Other

Effect Of Critical Operational Parameters Of A Biofilm-Based Bio-Filter Reactor In Enhancing The Surface Elimination Capacity Of Toluene	Vishal Bellie Subramani*, Suganya Baskaran, Palani Ramasamy, Swaminathan Detchanamurthy and Parthiban Rangasamy	Chemical Engineering	Tierarztliche Praxis	2020-21	0303-6286	https://tierarztliche.com/	https://tierarztliche.com/gallery/v40.168.pdf	Scopus
Simultaneous Power Generation And Congo Red Dye Degradation In Double Chamber Microbial Fuel Cell Using Spent Carbon Electrodes	Karthick Senthilkumar , Sumisha Anappara , Haribabu Krishnan & Palani Ramasamy	Chemical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2020-21	1556-7036	https://www.tandfonline.com/toc/ueso20/current	https://www.tandfonline.com/doi/abs/10.1080/15567036.2020.1781978?journalCode=ueso20	Scopus
Extraction And Comparison Of Polyphenols In Allium Fistulosum, Cynodon Dactylon And Hibiscus Sabdarifa Using Different Methods Of Extraction	Karthikeyan M , Nacchiappan Annamalai, Sudha G , Meyyappan Narayanan	Chemical Engineering	International journal of latest trends in Engineering and technology (IJLTET)	2020-21	2278-621X	https://www.ijltet.org/about_us.php	https://www.ijltet.org/journal_details.php?id=965&j_id=4987	Other
Biodegradation Of Benzyl Butyl Phthalate And Di-Butyl Phthalate By Arthrobacter Sp. Via Micellar Solubilization In A Surfactant-Aided System	Moumita Nandi, Tanushree Paul, Dipak Kanujiya, Divya Baskaran, Kannan Pakshirajan, G. Pugazhenthi	Chemical Engineering	Water Supply	2020-21	1606-9749	https://iwaponline.com/ws	https://iwaponline.com/ws/article/21/5/2084/78526/Biodegradation-of-benzyl-butyl-phthalate-and	Web of Science
Valorization Of Refinery Wastewater For Lipid-Rich Biomass Production By Rhodococcus Opacus In Batch System: A Kinetic Approach	Tanushree Paul, Divya Baskaran, Kannan Pakshirajan, G. Pugazhenthi	Chemical Engineering	Biomass & Bioenergy	2020-21	0961-9534	https://www.journals.elsevier.com/biomass-and-bioenergy	https://en.x-mol.com/paper/article/1326950795087880192	Web of Science
Bio-Oil Production By Hydrothermal Liquefaction Of Rhodococcus Opacus Biomass Utilizing Refinery Wastewater: Biomass Valorization And Process Optimization	Tanushree Paul, Divya Baskaran, Kannan Pakshirajan, G. Pugazhenthi and Ravi Rajamanickam	Chemical Engineering	Environmental Technology & Innovation	2020-21	2352-1864	https://www.journals.elsevier.com/environmental-technology-and-innovation	https://www.semanticscholar.org/paper/Bio-oil-production-by-hydrothermal-liquefaction-of-Paul-Baskaran/d1f46d399f5285801fb083d7ab618f4eda1f3d	Web of Science

Evaluation of protective coatings for geopolymer mortar under aggressive environment	Kumutha Rathinam, Vijai Kanagarajan and Sara Banu	Civil Engineering	Advances in Materials Research, Vol.9,number 3, pages 219-231	2020-21	2234-0912 (Print) 2234-179X (online)	http://www.koreascience.or.kr/journal/TPTPLG.page	https://doi.org/10.12989/amr.2020.9.3.219	ESCI/ Web of science
Uniaxial compression behaviour of lightweight expanded clay aggregate concrete cylinders confined by perforated steel tube and GFRP wrapping	Sathia Ramalingam, Vijayalakshmi Ramalingam, Ramanagopal Srinivasan, Vikram Gopinath, Yuvarani Ramanareddy and Yuvalatha Ramanareddy	Civil Engineering	Revista De La construction, 19(3); 200-212	2020-21	0718-7925 (Print) 0718-915X (online)	http://revistadelaconstruccion.uc.cl/index.php/RDLC/issue/view/2341	https://pdfs.semanticscholar.org/f7ec/29540aaa6d6dd6b1e5aa136e69d33dee3d04.pdf?_ga=2.48530534.1102941492.1651739956-561597701.1642654090	Web of science
An iterative modal shift model of long distance rail passengers towards air transport in India	Thamizharasan Venkatachalam, Karthik K. Srinivasan, Nivetha Nithiyanandam, Sivaranjani Rajakamangalam Sivathanupillai, sivasankari Rajendran, Sree Swathi Jayasankar and Selvakumar Muthusamy	Civil Engineering	International Journal for Traffic and Transport Engineering, 10(4); 449-455	2020-21	2217-5652 (online)	http://ijtte.com/article/89/About_Journal.html	http://dx.doi.org/10.7708/ijtte.2020.10(4).04	Others
Primitive Hobbit House	Muthukaruppan K T, Mohamed Nibras S, Magendira Raj S and Ruby Freya	Civil Engineering	International journal of innovations in management, engineering and science, volume 6, issue 2, pages:16-19	2020-21	2495-9008	http://www.ijimes.org/	http://www.ijimes.org/wp-content/uploads/2020/08/4.pdf	Others
Scheduling using Primavera P6 for a G+2 Apartment Building	Gokula Priyar D, Saravanan D, Sharafath Ali J	Civil Engineering	International Journal of Innovations in Management, Engineering and Science, volume 6, issue 2, pages: 32-43	2020-21	2495-9008	http://www.ijimes.org/	http://www.ijimes.org/wp-content/uploads/2020/09/6.pdf	Others

Planning and scheduling of G+3 building construction using Primavera P6	S Rajkumaar, P Rampramoth, J Shankaranarayanan and R Kalaivannan	Civil Engineering	International research journal of Engineering and Technology, vol.7, issue 8, pp.5056-5059	2020-21	2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/i8/IRJET-V7I8863.pdf	Others
Impact of Bus fare in reducing traffic congestion on roads: A case study of Chennai	Dr.M. Selvakumar, Penna Dheeren and S. Ponlinga Ramsingh	Civil Engineering	Indian Highways	2020-21	0376-7256	http://www.irc.nic.in/index1.aspx?langid=1&lev=4&lsid=432&pid=241&lid=300	http://www.irc.nic.in///admnis/admin/showimg.aspx?ID=658	others
LDuAP: lightweight dual auditing protocol to verify data integrity in cloud storage servers	Mohamed Sirajudeen Y, R Anitha	CSE	Journal of Ambient Intelligence and Humanized Computing	2020-21	1868-5145	https://link.springer.com/	https://link.springer.com/article/10.1007/s12652-021-03321-7	Scopus
Lightweight fog-centric auditing scheme to verify integrity of IoT healthcare data in the cloud environment	Mohamed Sirajudeen Y, R. Anitha	CSE	Concurrency and Computation : Practice and Experience	2020-21	1532-0634	https://onlinelibrary.wiley.com/journal/15320634	https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.6450	Scopus
Opportunities and Challenges of Feature Selection Methods for High Dimensional Data: A Review	Siva Sankari S, Jayakumar C	CSE	Ingénierie des Systèmes d'Information	2020-21	1633-1311	https://www.iieta.org/	https://www.iieta.org/journals/isi/paper/10.18280/isi.260107	Scopus
A novel efficient algorithm for duplicate video comparison in surveillance video storage systems	N. M. Balamurugan, T. K. S. Rathish babu, M. Adimoolam & A. John	CSE	Journal of Ambient Intelligence and Humanized Computing	2020-21	1868-5145	https://link.springer.com/	https://link.springer.com/article/10.1007/s12652-021-03119-7	Scopus

Prediction Strategies of Stock Market Data Using Deep Learning Algorithm	John A, D. Praveen Dominic, M. Adimoolam, N. M. Balamurugan	CSE	Recent Advances in Computer Science and Communications 2021, Bentham Science, Vol. 12, No. 1, pp.1-8	2020-21	2666-2566	https://www.eurekaselect.com/174415/journal/recent-advances-computer-science-and-communications	https://www.eurekaselect.com/177248/article	Scopus
Transgender Face Recognition using ROI based Convolutional Neural Network	R.Bhuvaneswari, S.Ganesh Vaidyanathan	CSE	International Journal of Computer Applications, Volume 183, Number 8: Pages 1:4	2020-21	0975 - 8887	https://www.ijcaonline.org/	https://www.ijcaonline.org/archives/volume183/number8/bhuvaneswari-2021-ijca-921360.pdf	Others
KDC Authentication for Secured Communication using Four-Way Handshake Protocol.	Iyswarya R., Muthunagai S.U., Poorani S. and Anitha R	CSE	International Journal of Computer Applications 174(30):8-12	2020-21	0975 – 8887	https://www.ijcaonline.org/	https://www.ijcaonline.org/archives/volume174/number30/iyswarya-2021-ijca-921229.pdf	Others
Handwritten Tamil Character Recognition Using Convolution Neural Network by Adam Optimizer	Mrs. R. Iyswarya, S. Deepak, P. Jagathratchagan, Jai Kailash	CSE	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) Volume 6, Issue 1	2020-21	2581-9429	http://ijarsct.co.in/	http://ijarsct.co.in/Paper1356.pdf	Others
Frequent mining analysis using pattern mining utility incremental algorithm based on relational query process	B.Praveen Kumar, D.Paulraj	CSE	Journal of Ambient Intelligence and Humanized Computing, Vol.12, No.5, pp.4745-4755	2020-21	1868-5145	https://link.springer.com	https://link.springer.com/article/10.1007/s12652-020-01880-9	Scopus
Multistep temperature prediction for proactive thermal management on chip multiprocessors	N. Revathi, G. Sumathi	CSE	Journal of Supercomputing	2020-21	0920-8542	https://www.springer.com/journal/11227	https://doi.org/10.1007/s11227-020-03611-5	SCI

An Improved Short Term Load Forecasting with Ranker Based Feature Selection Technique	SivaShankari and Jayakumar	CSE	Journal of Intelligent & Fuzzy Systems	2020-21	1064-1246	https://www.iospress.com/catalog/journals/journal-of-intelligent-fuzzy-systems	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs191568	SCI
A Review of Short Term Load Forecasting using Deep Learning	Siva Sankari Subbiah, Jayakumar Chinnapan	CSE	International Journal of Emerging Technologies	2020-21	0975-8364	https://www.researchgate.net/	https://www.researchgate.net/publication/343268628_A_review_of_short_term_load_forecasting_using_deep_learning	Scopus
Any time medical assistance and medicine vending machine using machine learning	Suhan M , Surya Murali, Shriram Bharadwaj and Dr. P. Janarthanan	CSE	International Research Journal of Modernization in Engineering Technology and Science, Vol.2, No.8, pp.1406-1415	2020-21	2454-132X	https://www.ijariit.com/	https://www.ijariit.com/manuscript/any-time-medical-assistance-and-medicine-vending-machine-using-machine-learning/	Others
An Intelligent Machine Learning Approaches for Predicting Coronary Artery Disease	Sivasubramaniyan, Varsha Srinivasan,Srivarshini M and ,P. Janarthanan	CSE	Journal of Computer Engineering, Vol.22, No.4, pp.21-30	2020-21	2278-0661	https://www.iosrjournals.org	https://www.iosrjournals.org/iosr-jce/papers/Vol22-issue4/Series-2/E2204022130.pdf	Others
A Novel Multi-Agent Approach to control Service level Agreement Violations in Cloud Computing	Kannaki A, Gnanasekar J.M	CSE	Turkish Journal of Computer and Mathematics Education, Vol.12 No.12 , pp. 1432-1438	2020-21	1309-4653	https://www.turcomat.org/index.php/turkbilmat	https://www.proquest.com/openview/5881b6d6da618f41a148e818d4b77f14/1?pq-origsite=gscholar&cbl=2045096	Scopus
Automated Hydrophonic Growth Systems using IoT	Suhan M, SuiryaMurali, Shriram Bharadwaj P, P.Janarthanan	CSE	International Research Journal Modernization in Engineering Technology and Science, Vol 2, Issue 8,pp:1406-1414	2020-21	2582-5208	https://irjmets.com/pastvolumeissue.php?p=26	https://irjmets.com/uploadedfiles/paper/volume2/issue_8_august_2020/3242/1628083127.pdf	Others

Performance Evaluation of Machine Learning Algorithms In Forecasting Water Quality Bodies	A.Rama, S.Rajakumari, P.Selvamani	CSE	European Journal of Molecular and Clinical Medicine, Vol.7, Issue 4, pp 1833-1839	2020-21	2515-8260	https://ejmcm.com/	https://ejmcm.com/article_7355.html	Scopus
Distributed Honey Pot using Block Chain	Sheik Ismail S, Sivasankar G, Srinath B, Kumanan K	CSE	International Research Journal of Modernization in Engineering Technology and Science, Vol. 02, Issue:06, pp:598-606	2020-21	2582-5208	https://irjmets.com	https://irjmets.com/uploadedfiles/paper/volume2/issue_6_june_2020/1676/1628083050.pdf	Others
Enhanced Multi Objective based Resource Allocation using Framework Creation in Cloud Computing	M. Alamelu, P.Vinothiyalakshmi,R	CSE	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653, Vol. 8, Issue VI, pp. 1303-1309,	2020-21	2321-9653	https://www.ijraset.com/	https://www.academia.edu/43408124/Enhanced_Multi_Objective_based_Resource_Allocation_using_Framework_Creation_in_Cloud_Computing	Others
Personality Prediction using Twitter Data	Sanjith Kumar R, Srivatson RG, Rishi Priyan S, T.Padmvathy	CSE	International Research Journal of Engineering and Technology, Vol.7, Issue. 7, pp: 4878-4882	2020-21	2395-0056	https://www.irjet.net	https://www.irjet.net/archives/V7/i7/IRJET-V7I7847.pdf	Others
Personality Traits based Online Learning	Shrivindhya, Rajasekaran T, S.Pradeep Kumar	CSE	Journal of Critical Reviews, Vol 7, Issue. 17, pp. 1368-1372	2020-21	2394-5125	http://www.jcreview.com/	https://drive.google.com/file/d/1G2SarpQj7a94M_vIAK9mdFyABcG-qnne/view	Scopus
Comparison of Integrated Sensor Data with Cloud using Zigbee with MQTT and COAP Protocols in Real Time Applications	J.M.Kavitha, T.Rajasekaran	CSE	Journal of Critical Reviews, Vol 7, Issue 11, pp. 988-994	2020-21	2394-5125	http://www.jcreview.com/	https://www.semanticscholar.org/paper/COMPARISON-OF-INTEGRATED-SENSOR-DATA-WITH-CLOUD-AND-Kavitha-Rajasekaran/b21ebe0ea7ee59dd1397455bd9628c2af0d	Scopus

Object Detection using Deep Learning	Sriram S, Yogesh K, Santhosh Kumar D, Gayathri R	CSE	International Research Journal of Engineering and Technology, Volume 07, Issue 08	2020-21	2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/i8/IRJET-V7I8377.pdf	Others
Automatic Speech Recognition using Recurrent Neural Network	Sruthi Vandana T, Srivibhushana S, Sidharth K, Sanoj CS	CSE	International Journal of Engineering Research & Technology, Vol.9, Issue 8	2020-21	2278-0181	https://www.ijert.org	https://www.ijert.org/automatic-speech-recognition-using-recurrent-neural-network	Others
Fuzzy Ontology Based Activity Recognition for Assistive Health Care Using Smart Home	K.S. Gayathri, K.S. Easwarakumar, Susan Elias	CSE	International Journal of Intelligent Information Technologies	2020-21	1548-3657	https://www.igi-global.com/journal/international-journal-intelligent-information-technologies/1089	https://www.igi-global.com/gateway/article/243368	Scopus
A Study of Different Convolution Neural Network Architectures for Human Facial Emotion Detection	Logeswaran Sivakumar, Jayanth Adithya, N. Rajeswari	CSE	International Research Journal of Engineering and Technology	2020-21	2395-0056	https://www.irjet.net	https://www.irjet.net/archives/V7/i5/IRJET-V7I51404.pdf	Web of Science
Enhanced Multi-Objective based Resource Allocation using Framework Creation in Cloud Computing	M. Alamelu,P. Vinothiyalakshmi, R. Anitha	CSE	International Journal for Research in Applied Science & Engineering Technology	2020-21	2321-9653	https://www.ijraset.com/	https://www.ijraset.com/fileserve.php?FID=29494	Others
Forgery Document Detection in Information Management System using Cognitive Techniques	Y. Mohamed Sirajudeen, R. Anitha	CSE	Journal of Intelligent & Fuzzy Systems of IOS	2020-21	1064-1246	https://content.iospress.com/	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs189128	Scopus

Workload Mining in Cloud Computing using Extended Cloud Dempster–Shafer Theory	P. Vinothiyalakshmi, R. Anitha	CSE	International Journal Wireless Personal Communications	2020-21	0929-6212	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-020-07368-11	Scopus
Study on Oil Spill Detection Over Ocean Surface Using Deep Learning	Nandini Deivanayagam, Nivedha Sankar, Ragavendar Chandrasekar, Sasikala D	CSE	International Research Journal of Engineering and Technology	2020-21	2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/i4/IRJET-V7I41127.pdf	Others
Distributed Honeypot using Blockchain	Sheik Ismail S, Sivasankar G, Srinath B, Kumanan K	CSE	International Research Journal of Modernization in Engineering Technology and Science	2020-21	2582-5208	https://irjmets.com/	https://irjmets.com/uploadedfiles/paper/volume2/issue_6_june_2020/1676/1628083050.pdf	Others
Data Security in IoT Environment using Deep Learning Technique	A. Brightlin Raja, R. Anitha	CSE	International Journal of Creative Research Thoughts	2020-21	2320-2882	https://ijcrt.org/	https://ijcrt.org/papers/IJCRT2006415.pdf	Others
Dimensionality Reduction Method for Prediction of Parkinson Disease using Speech Data	Jayashri P, Rajalakshmi V.	CSE	International Journal for Research in Applied Science & Engineering Technology	2020-21	2321-9653	https://www.ijraset.com/	https://www.ijraset.com/fileserve.php?FID=27452	Others
Harmonic Current Reduction Analysis of Traditional PI and Enhanced FoPID Controller-Based MSALC	G Muralikrishnan and Nalin Kant Mohanty	EEE	Journal of Electrical Engineering & Technology	2020-21	2093-7423	https://www.springer.com/journal/42835	https://link.springer.com/article/10.1007/s42835-021-00709-5	SCI indexed/ UGC listed

Seven levels fuzzy rule-based controller for modified shunt active line conditioner	G Muralikrishnan and Nalin Kant Mohanty	EEE	INTERNATIONAL JOURNAL OF ELECTRONICS	2020-21	0020-7217	https://www.tandfonline.com/toc/tetn20/current	https://www.tandfonline.com/doi/abs/10.1080/00207217.2021.1941284	SCI indexed/ UGC listed
A Modified Topology of a High Efficiency Bidirectional Type DC–DC Converter by Synchronous Rectification	SS.Sethuraman, KR. Santha Lucian Mihet Popa, C. Bharatiraja.	EEE	Electronics	2020-21	2079-9292	https://www.mdpi.com/journal/electronics	https://www.mdpi.com/2079-9292/9/9/1555	Scopus / Web of Science
Non isolated enhanced gain of DC converter for DC micro grid applications	SS.Sethuraman, KR. Santha.	EEE	International Transactions on Electrical Energy Systems	2020-21	2050-7038	https://onlinelibrary.wiley.com/journal/20507038	https://onlinelibrary.wiley.com/doi/abs/10.1002/2050-7038.12625	Scopus/SCI indexed
Quadratic Boost Converter Storage using PI controller for Low Power Photovoltaic Applications with integrated Energy	D.Amudhavalli, Nalin Kant Mohanty.	EEE	Journal of Control engineering and Applied Informatics	2020-21	1454-8658	http://www.ceai.srait.ro/index.php?journal=ceai	http://www.ceai.srait.ro/index.php?journal=ceai&page=article&op=view&path%5B%5D=6721	SCI indexed/ UGC listed
A Flexible Rung Ladder Structured Multilevel Inverter	Kannan C, Nalin Kant Mohanty.	EEE	Technical Gazette	2020-21	1330-3651	http://www.tehnicki-vjesnik.com/web/public/page	https://hrcak.srce.hr/242301	SCI indexed, UGC Listed
Integration of CFA2FB control scheme with modified shunt active line conditioner (MSALC) connected distribution system for mitigation of harmonics	G.Muralikrishnan, Nalin Kant Mohanty.	EEE	International Transactions on Electrical Energy Systems.	2020-21	2050-7038	https://onlinelibrary.wiley.com/journal/20507038	https://onlinelibrary.wiley.com/doi/abs/10.1002/2050-7038.12652	SCI indexed, UGC Listed

Development of PV Powered Single Stage Power Converter to Drive Fractional kW 3-Phase Induction Motor	D.Amudhavalli , Nalin Kant Mohanty.	EEE	IEEE Xplore	2020-21	19897013	https://ieeexplore.ieee.org/Xplore/home.jsp	https://ieeexplore.ieee.org/abstract/document/9174553	SCOPUS
Performance Analysis of Modular Vs Non Modular Multilevel Inverter	Kannan C, Nalin Kant Mohanty.	EEE	IEEE Xplore	2020-21	19897026	https://ieeexplore.ieee.org/Xplore/home.jsp	https://ieeexplore.ieee.org/document/9174211	Scopus
Profit Based Unit Commitment of Thermal Units with Renewable Energy and Electric Vehicles in Power Market	Syed Vasiyullah, S.G.Bharathidsan.	EEE	Journal of Electrical Engineering & Technology	2020-21	Electronic ISSN 2093-7423 Print ISSN 1975-0102	https://www.springer.com/journal/42835	https://link.springer.com/article/10.1007/s42835-020-00579-3	scopus/SCI indexed
Highest Voltage Sag and Swell Compensation Using Single Phase Matrix Converter with Four Controlled Switches	C.Gopinath, S. Abdul Rahman, ShumyeBirhan Mule, EstifanosDagnewMitiku, GebrieTeshomeAduy.	EEE	PrzeglądElektrotechniczny	2020-21	2449-9544	http://pe.org.pl/	http://pe.org.pl/articles/2021/4/24.pdf	Others
Evaluation of Lightning Impulse Voltages Superimposed with Oscillations and Overshoot using the Test Voltage Function	C.Gopinath, D.Ashokraju.	EEE	ADBU-Journal of Engineering Technology	2020-21	2348-7305	http://journals.dbuniversity.ac.in/ojs/index.php/AJET	https://www.semanticscholar.org/paper/Evaluation-of-Lightning-Impulse-Voltages-with-and-Ashokaraju-Gopinath/095853d5055c5f7f19a5020088a807e05a82a5ee	UGC listed
Development of High Gradient ZnO Arrester Material for high voltage applications.	R. Kannadasan (P. Valsalal, Elavarasan, R. M., Subramaniam, U., &Almakhles, D. J.).	EEE	IEEE Access	2020-21	21693536	https://ieeeaccess.ieee.org/	https://en.x-mol.com/paper/article/1279157626017071104	SCI

An Assessment of Onshore and Offshore Wind Energy Potential in India Using Moth Flame Optimization.	R. KannadasanKrishnamoorthy R, Udhayakumar K, R M, Elavarasan et al.	EEE	Energies	2020-21	1996-1073	https://www.mdpi.com/journal/energies	https://www.mdpi.com/1996-1073/13/12/3063/htm	Scopus/Web science
A Holistic Review of the Present and Future Drivers of the Renewable Energy Mix in Maharashtra, State of India.	R. Kannadasan, R M Elavarasan, Leoponraj S, Raghavendra R, et al.	EEE	Sustainability	2020-21	2071-1050	https://www.mdpi.com/journal/sustainability	https://www.mdpi.com/2071-1050/12/16/6596/htm	Scopus/Web science
COVID-19: Impact analysis and recommendations for power sector operation.	R. Kannadasan, R M Elavarasan, GM Shafiullah, Vijay Mudgal et al.	EEE	Applied Energy-Elsevier	2020-21	0306-2619	https://www.journals.elsevier.com/applied-energy	https://doi.org/10.1016/j.apenergy.2020.115739	Scopus
Design of Rotor Blades for Vertical Axis Wind Turbine with Wind Flow Modifier for Low Wind Profile Areas	R. KannadasanMohanasundaram A, Valsalal P, et al.	EEE	Sustainability	2020-21	2071-1050	https://www.mdpi.com/journal/sustainability	https://www.mdpi.com/2071-1050/12/19/8050/htm	SCI
Investigation on Sizing of Voltage Source for a Battery Energy Storage System in Microgrid With Renewable Energy Sources.	R. KannadasanSwaminathanganesan, Umashankar S, et al.	EEE	IEEE Access	2020-21	2169-3536	https://ieeeaccess.ieee.org/	https://ieeexplore.ieee.org/document/9222040	SCI
Short term power dispatch using neural network based ensemble classifier.	R. Kannadasan, Kashif M, Khalid M Cheema, Muhammad F Tahir, Abdul Rehman Tariq et al.	EEE	Journal of Energy Storage	2020-21	2352-152X	https://www.journals.elsevier.com/journal-of-energy-storage	https://www.sciencedirect.com/science/article/abs/pii/S2352152X20319319	Scopus

An Evaluation on Wind Energy Potential Using Multi-Objective Optimization-Based Non-Dominated Sorting Genetic Algorithm III	R. KannadasanSenthilkumar S, Chandramohan S. R M Elavarasan, et al.	EEE	Sustainability	2020-21	2071-1050	https://www.mdpi.com/journal/sustainability	https://www.mdpi.com/2071-1050/13/1/410/htm	SCI
Sensorless parameter estimation of VFD based cascade centrifugal pumping system using automatic pump curve adaption method	R. Kannadasan, Arun Shankar V.K, Umashankar S, R M Elavarasan and Paramasivam Shanmugam	EEE	Energy Reports-Elsevier	2020-21	2352-4847	https://www.journals.elsevier.com/energy-reports	https://www.sciencedirect.com/science/article/pii/S2352484721000032	Scopus
Techno-Economic Investigation of Wind Energy Potential in selected Sites with Uncertainty Factors	R. Kannadasan,V S SrirajaBalaguru, Nesamony et al.	EEE	Sustainability	2020-21	2071-1050	https://www.mdpi.com/journal/sustainability	https://www.mdpi.com/2071-1050/13/4/2182/htm	SCI
Optimal Cost aware Paradigm for Off grid Green Cellular Networks in Oman	R. Kannadasan, Mohammed H. Alsharif, Abu Jahid, et al.	EEE	Computers, Materials & Continua	2020-21	1546-2218	https://www.techscience.com/cmc/info/Indexed	https://www.techscience.com/cmc/v68n2/42196	
A Novel Multi objective Hybrid Technique for Siting and Sizing of Distributed Generation and Capacitor Banks in Radial Distribution Systems	R. Kannadasan, C.Venkatesan, Mohammed H Alsharif, Mun-Kyeom Kim, Jamel Nebhen	EEE	Sustainability	2020-21	2071-1050	https://www.mdpi.com/journal/sustainability	https://www.mdpi.com/2071-1050/13/6/3308/htm	SCI
Adaptive cell zooming strategy towards next-generation cellular network with joint transmission	R. Kannadasan, Mohammed H. Alsharif, Mahmoud A. Albreem, Abu Jahid, PeerapongUthansakul, Jamel Nebhen, and Ayman Aly	EEE	Computers, Materials & Continua	2020-21	1546-2218	https://www.techscience.com/cmc/info/Indexed	https://www.techscience.com/cmc/v69n1/42764	SCi

Powering mobile networks with optimal green energy for sustainable development	R. Kannadasan, Mohammed H. A, M.A. Albreem, Abu Jahid, PeerapongUthansakul, Jamel Nebhen, C.Venkatesan, A. Aly	EEE	Computers, Materials & Continua	2020-21	1546-2218	https://www.techscience.com/cmc/info/Indexed	https://www.techscience.com/cmc/v69n1/42742	SCI
A Single Switch Bi-polar Triple Output Converter with Fuzzy Control	K.Suganthi, Idris Hadi Salih, Ganesh Babu Loganathan and Sundararaman K	EEE	International Journal of Advanced Science and Technology	2020-21	2005-4238	http://sersc.org/journals/index.php/ijast	http://sersc.org/journals/index.php/IJAST/article/view/11022/5853	SCI/Scopus
Design and Validation of BAT Algorithm-Based Photovoltaic System Using Simplified High Gain Quasi Boost Inverter	M.Rajalakshmi, S.Chandramohan, R.Kannadasan, Mohammed H. et al.	EEE	Energies	2020-21	1996-1073	https://www.mdpi.com/journal/energies	https://www.mdpi.com/1996-1073/14/4/1086/htm	SCI/Scopus
Comprehensive Review on India's Growth in Renewable Energy Technologies in Comparison With Other Prominent Renewable Energy Based Countries	Rajvikram.M	EEE	Journal of Solar Energy Engineering	2020-21	0199-6231	https://asmedigitalcollection.asme.org/solarenergyengineering	https://asmedigitalcollection.asme.org/solarenergyengineering/article-abstract/142/3/030801/1071221/Comprehensive-Review-on-India-s-Growth-in?redirectedFrom=fulltext	Others
Thermal Analysis of brushless DC motor using multi objective optimization	C. Kamal, T. Thangavelu, Kalpana D.	EEE	International Transactions on Electrical Energy Systems	2020-21	2050-7038	https://www.hindawi.com/journals/itees/ai/	https://onlinelibrary.wiley.com/doi/abs/10.1002/2050-7038.12546	SCI
Experimental Investigations Conducted for the Characteristic Study of OM29 Phase Change Material and Its Incorporation in Photovoltaic Panel	Rajvikram.M Karthikeyan V Umashankar Subramaniam Rakesh Kumar A Dhafer Almakhles	EEE	Energies	2020-21	1996-1073	https://www.mdpi.com/journal/energies	https://www.mdpi.com/1996-1073/13/4/897	Scopus/SCI

Design and Verification of High Performance VLSI Architecture for Reconfigurable FIR Filter Using Pipelined Distributed Arithmetic	Ms.R.Kousalya, G.Pavithra	ECE	International Journal of Pure and Applied Mathematics Volume : 119 ,PP: 1101-1107,Impact factor: 7.19	2020-21	ISSN: 1311-8080	http://www.ijpam.eu/	https://acadpubl.eu/jsi/2018-119-7/articles/7b/19.pdf	Scopus
A high speed fixed width floating point multiplier using residue logarithmic number system algorithm.	Dr.G.A.Sathish kumar, J.Jency Rubia	ECE	International journal of Electrical Engineering Education.Pp:1-15 Impact factor:0.593	2020-21	ISSN 00207209, 20504578	https://journals.sagepub.com/home/ije	https://journals.sagepub.com/doi/abs/10.1177/0020720918813836	Scopus
A Novel Dual-band SIW Bandpass filter for Ku-band applications	Dr.Umma Habiba.H, Banu priya.A	ECE	International Journal of Research and Analytical Reviews,Vol.5,Iss.4, Pp 373-377, , October 2018 Impact factor:4.236	2020-21	E-ISSN 2348-1269, P-ISSN 2349-5138	https://www.ijrar.org/	http://www.ijrar.org/papers/IJRAR1904302.pdf	UGC listed journal
Novel Compact Bandpass Filter For UWB Application	Dr.H.Umma Habiba , Harish kumaran.D, Aswanth.R, Abinash S,R.Sandhya	ECE	International Journal of Research and Analytical Reviews (IJRAR), Volume 5, Issue 3, August 2018.Impact factor:4.236	2020-21	E-ISSN 2348-1269, P-ISSN 2349-5138	https://www.ijrte.org/	http://www.ijrar.org/papers/IJRAR1903135.pdf	UGC listed journal
Design Of K-Band Full Mode SIW Bandpass Filter For Satellite Applications	Dr.H.Umma Habiba, R.Sandhya	ECE	International Journal of Research and Analytical Reviews (IJRAR), Volume 5, Issue 4, October 2018.Impact factor:4.236	2020-21	E-ISSN 2348-1269, P-ISSN 2349-5138	https://www.ijrte.org/	http://www.ijrar.org/papers/IJRAR1904314.pdf	UGC listed journal
Novel Compact Bandpass Filter For UWB Application	Dr.H.Umma Habiba, Harish kumaran.D, Aswanth.R, Abinash S,R.Sandhya	ECE	International Journal of Research and Analytical Reviews (IJRAR), Volume 5, Issue 3, Impact factor:	2020-21	E-ISSN 2348-1269, P-ISSN 2349-5138	https://www.ijrte.org/	http://www.ijrar.org/papers/IJRAR1903135.pdf	UGC listed journal

Simple and High Directive Microstrip Single Terminal Antenna for Higher Band 5G Application	Dr.H.Umma Habiba , Viwin singh Y	ECE	International Journal of Research and Analytical Reviews (IJRAR), Volume 5, Issue 4, November 2018 Impact factor: 4.236	2020-21	E-ISSN 2348-1269, P-ISSN 2349-5138	https://ijrar.org/?http://ijrar.org	https://ijrar.org/papers/IJRAR1905015.pdf	UGC listed journal
Novel Approach To Design A Compact Quad-Band Band Pass Filter By Analyzing Various Resonators	Dr.H.Umma Habiba , J.Parimala	ECE	International Journal of Research and Analytical Reviews (IJRAR), Volume 5, Issue 4, November 2018. Impact factor:4.236	2020-21	E-ISSN 2348-1269, P-ISSN 2349-5138	https://ijrar.org/?http://ijrar.org	https://ijrar.org/download.php?file=IJRAR1905018.pdf.pdf	UGC listed journal
Implications of Remote Sensing Data Analysis Using Deep Learning Techniques	M.Kavitha & R.Gayathri	ECE	Journal of Computational and Theoretical Nanoscience, Volume 15, Numbers 9-10, pp. 2857-2862	2020-21	ISSN 1546-1955 (Print); ISSN 1546-1963 (Online)	https://www.ingentaconnect.com/content/asp/jctn	https://www.ingentaconnect.com/contentone/asp/jctn/2018/00000015/00000009/art00030	Scopus (upto 2020)
Implementation of Remote Patient Monitoring using Wireless Pulse Oximeter	Ms. Jeyaprabha T,Abijth.A, Guruprashanth,Chiranjeev Raja.T	ECE	International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3838, Vol.7, Issue 5S4,	2020-21	ISSN: 2277-3878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v7i5s4/E10960275S419.pdf	Scopus (upto 2018)
Fast and Efficient Filter using Wavelet Threshold for Removal of Gaussian Noise from MRI/CT scanned medical images/ colour video sequence	G.Elaiyaraja,N.Kumaratharan,T.Chandra Sekhar Rao	ECE	IETE Journal of Research, DOI: 10.108003772063.2019.1579679 pg:1-13	2020-21	Print ISSN: 0377-2063 Online ISSN: 0974-780X	https://www.tandfonline.com/toc/tijr20/current	https://www.tandfonline.com/doi/abs/10.1080/03772063.2019.1579679	SCI Index
Design and Fabrication of Microstrip Planar Antenna with Meander – Line Structure in GSM Band vol. 6, no. 2, pp. 30-33, April 2019	C. Abdul Rahman, H. Umma Habiba	ECE	International Journal of Electrical Electronics & Computer Science Engineering,	2020-21	E-ISSN : 2348-2273, E-ISSN : 2348-2273	www.ijeecse.com	https://ijeecse.webs.com/V6N2-011.pdf	others

Full mode SIW Bandpass Filter for C-band Radar Application Using Defected Ground Structure, .5,Iss.1, Pp 112-114, ISSN : 2454-9150, April 2019	Banu priya.A, Umma Habiba.H	ECE	International Journal for Research in Engineering Application & Management (IJREAM	2020-21	ISSN : 2454-9150	http://ijream.org/	http://ijream.org/papers/IJREAMV05I0149082.pdf	UGC listed journal
A Novel High-Performance DMS/DGS SIW Band Pass Filter for X-Band Applications, Vol.7, Iss. 4, Pp 3416-3419, ISSN: 2321-9653, April 2019	Banu priya.A, Umma Habiba.H	ECE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2020-21	ISSN: 2321-9653	https://www.ijraset.com/	https://www.ijraset.com/fileserve.php?FID=22162	Others
A Ku-Band Compact Bandpass Substrate Integrated Waveguide Filter using L-shaped Slots, Vol.9, Iss. 5,Pp 931-937 ISSN NO: 2249-2976, 2019	Banu priya.A, Umma Habiba.H	ECE	Pramana Research Journal	2020-21	ISSN NO: 2249-2976	https://www.pramanaresearch.org/	https://www.pramanaresearch.org/gallery/prj-p923.pdf	UGC listed journal
Analysis and Design of Substrate Integrated Waveguide Bandpass Filter with DGS for Ku-Band Applications, Vol.4, Iss.2, Pp 19-23, 2019	Banu priya.A, Umma Habiba.H	ECE	Journal of analog and digital devices	2020-21	N/A	http://matjournals.com/Journal-of-Analog-and-Digital-Devices.html	http://matjournals.in/index.php/JoADD/article/view/3937; DOI: http://doi.org/10.5281/zenodo.3066834	others
Design of Multilayer Stacked Patch Antenna for C and X band Applications	B.Kishor Kumar, R.Mohanasundaram and Dr.P.Jothilakshmi	ECE	International Journal of Scientific Research and Review, ISSN No:2279-543X,Vol.8,issue3, pp.1103-1109 (UGC ISSN APPROVED: 64650).	2020-21	E-ISSN: 2454-9312, P-ISSN: 2454-6143	https://www.isroset.org/journal/IJSRMS/index.php	https://www.isroset.org/pub_paper/IJSRMS/14-IJSRMS-02592.pdf	Others
Design and Fabrication of 5.8 GHz ISM Band Microstrip Patch Antenna Through Aperture Coupled Feeding Technique	Dr.P.Jothilakshmi, R.Mohanasundaram, D.K.Iniyavan and S.Jithin	ECE	International Journal of Emerging Technologies and Innovative ResearchISSN:2349-5162, Vol.6, issue 5,pp.449-455, UGC No. 63975.	2020-21	ISSN:2349-5162	https://www.jetir.org/	https://www.jetir.org/archive?v=6&i=5&j=May%202019	UGC listed journal

Design of Microstrip Antenna for X Band Satellite Communications	G.Adhitya, V.Abishek, R.Mohana Sundaram and Dr.P.Jothilakshmi	ECE	International Journal of Research and Analytical Reviews, Volume 6, Issue 2, pp.342-344 , UGC Approved-43602	2020-21	ISSN 2348-1269, P-ISSN 2349-5139	https://ijrar.org/	https://www.researchgate.net/publication/335960432_Design_of_Microstrip_Antenna_for_X_Band_Satellite_Communications	UGC listed journal
Microstrip Wearable O-Shaped Reconfigurable antenna for Medical Applications	A.Sivabalan and Dr.P.Jothilakshmi	ECE	International Journal of Recent Technology and Engineering (IJRTE), Vol.8, issue1, EISSN: 2277-3878,pp.318-324	2020-21	E ISSN :2277-3878	https://www.ijrte.org/	https://www.ijrte.org/download/volume-8-issue-1/	Scopus (2018-2019)
Design and Implementation of Pattern Reconfigurable antenna for Microwave application	R. Gokul, R.Gowtham, N.Arvind Bharathy and Dr.P.Jothilakshmi	ECE	Cikitusi Journal for Multidisciplinary Research, ISSN NO: 0975-6876, Vol.6, issue4, pp.628-631, UGC No. 40784	2020-21	ISSN NO: 0975-6876	http://www.cikitusi.com/	http://cikitusi.com/gallery/80-april-746.pdf	others
H-slotted Frequency Reconfigurable Two-element Array Antenna for Cognitive Radio Applications	E.S.Lakshmi, Dr.P.Jothilakshmi	ECE	International Journal of Advanced Research in Dynamical and Control Systems (JARDCS), ISSN:1943023X, Vol.11, Special issue.3, pp.1405-1411 USA	2020-21	ISSN:1943023X,	https://www.jardcs.org	https://www.jardcs.org/abstract.php?id=940	Scopus
An Efficient Algorithm for Noise Reduction and Speech Enhancement	L Anju,Arthy.M.S,S.Balaji Arul Selvan	ECE	International Journal of Research and Analytical Review (IJRAR), ISSN 2348-1269, P- ISSN 2349-5138.Impact factor:5.75	2020-21	ISSN 2348-1269, P-ISSN 2349-5138	https://www.ijrar.org/	http://www.ijrar.org/papers/IJRAR190B013.pdf	UGC listed journal
Security Issues Related to IOT Devices with Artificial Intelligence	Umesh Ravichandiran, Vignesh Mathivanan, Venkat Vishal,Arul P	ECE	Journal of Emerging Technologies and Innovative Research (JETIR), March 2019, Vol. 6, Issue 3 , pg.82-88.impact factor: 5.87	2020-21	ISSN 2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIRAK06016.pdf	Others

A high speed fixed width floating point multiplier using residue logarithmic number system algorithm.	Dr.G.A.Sathish kumar,J.Jency Rubia	ECE	International journal of Electrical Engineering Education.Pp:1-15	2020-21	ISSN 00207209, 20504578	https://journals.sagepub.com/home/ije	https://journals.sagepub.com/doi/abs/10.1177/0020720918813836	Scopus
FIR Filter Design Using Floating point Column Bypassing Technique	Dr.G.A.Sathish kumar; Jency Rubia	ECE	International Journal of Recent Technology and Engineering. Volume-8 Issue-2S4.	2020-21	ISSN: 2277-3878	https://www.ijrte.org/	https://www.researchgate.net/publication/337144756_FIR_Filter_Design_Using_Floating_point_Column_Bypassing_Technique	UGC listed journal
Design And Analysis Of Low Power Fixed-Width Multiplier Using Reduced Precision Redundancy Block (RPR)	Dr.G.A.Sathish kumar; Jency Rubia	ECE	IOSR Journal of VLSI and Signal Processing; vol. 9, no. 6	2020-21	E-ISSN :2319 – 4200 P-ISSN 2319 – 4197	https://www.iosrjournals.org/iosr-jvlsi.html	https://www.researchgate.net/publication/339815520	Others
A novel discrete CURVELET transform and modified WHOG for video surveillance services	P.Epsiba,N.Kumaratharan, G.Suresh	ECE	Concurrency and Computation: Practice and Experience, Special issueDOI: 10.1002/cpe.5046, pp.1-6, IF 1.114	2020-21	ISSN:1532-0634	https://onlinelibrary.wiley.com/journal/15320634	https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.5046	Web of Science
High Performance Antenna for Energy Harvesting in Satellite Health Monitoring System pp. 1-11, Sep. 2019	Revathy Srinivasan and Hyder Ali Umma Habiba	ECE	IET Communications	2020-21	ISSN 1751-8628	https://digital-library.theiet.org/content/journals/iet-com	https://www.researchgate.net/publication/336331685_High_Performance_Antenna_for_Energy_Harvesting_in_Satellite_Health_Monitoring_System	Web of Science
A Novel Gain Enhanced Conformal Patch Antenna with Defected Ground for Aircraft Applications	J.Monica and P.Jothilakshmi	ECE	IET Communications, England, 2019, Online ISSN 1751-8636 Print ISSN 1751-8628	2020-21	ISSN 1751-8628	https://digital-library.theiet.org/content/journals/iet-com/info/about	https://www.researchgate.net/publication/336920067_A_Novel_Gain_Enhanced_Conformal_Patch_Antenna_with_Defected_Ground_for_Aircraft_Applications	Web of Science

Prediction of Traffic Volume by Mining Traffic Sequences Using Travel Time based Prefix span	Jayanthi Ganapathy, Dr.P.Jothilakshmi	ECE	IET Intelligent Transport Systems, 10.1049/iet-its.2018.5165, Print ISSN 1751-956X, Online ISSN 1751-9578, Volume13, Issue7, pp.1199 –1210	2020-21	ISSN 1751-9578	https://digital-library.theiet.org/content/journals/iet-its	https://ietresearch.onlinelibrary.wiley.com/doi/10.1049/iet-its.2018.5165	Web of Science
Design of Frequency Reconfigurable Antenna Using a Defective Ground Structure With Pattern Agility for Cognitive Radio Applications	E.S.Lakshmi and Dr.P.Jothilakshmi	ECE	International Journal of Research and Analytical Reviews, Volume 6, Issue 2, pp.352-356	2020-21	EISSN:2348-1269, PISSN:2349-5138	https://www.ijrar.org/	https://ijrar.org/viewfull.php?&p_id=IJRAR19K1219	Others
Analysis of Multilayer Patch Antenna	Dr.P.Jothilakshmi, R.Kanimozhi and R.Mohanasundaram	ECE	International Journal of Scientific Research in Physics and Applied Sciences, Vol.7, Issue.4, pp.8-14, EISSN:2348-3423, UGC Approved, UGC No. 63781.	2020-21	EISSN:2348-3423	https://www.isroset.org/journal/IJSRPAS/index.php	https://www.researchgate.net/publication/335960357_Analysis_of_Multilayer_Patch_Antenna	Others
Transfer of Data from Memory Storage Device to Handheld Device using L-Shaped Patch Antenna	P.Jothilakshmi Vaaibhav M. Lodd, V.Shakthi Ashwin, S.K.Nagarjun Senani	ECE	International Journal of Scientific Research in Multidisciplinary Studies, Vol.5, Issue.6, pp.17-23, E-ISSN: 2454-9312, P-ISSN: 2454-6143	2020-21	E-ISSN: 2454-9312, P-ISSN: 2454-6143	https://www.isroset.org/journal/IJSRMS/index.php	https://isroset.org/journal/IJSRMS/full_paper_view.php?paper_id=1391	Others
Attention Deficit Hyperactivity Disorder (Adhd) Detection Methods	Sheriff M, Gayathri R,	ECE	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277 – 3878, Volume-8, Issue-2S5,	2020-21	ISSN: 2277 – 3878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v8i2S5/B10500682S519.pdf	Scopus (till 2018)
Realization of all-optical multiplexer–demultiplexer in mid-IR wavelengths using triple-core photonic quasi-crystal fiber	G A Sathish Kumar and M.Manimaraboopathy	ECE	Optics Communications, Elsevier Publishing, Volume 481,126556 Impact Factor: 2.125	2020-21	ISSN: 0030-4018	https://www.journals.elsevier.com/optics-communications	https://www.sciencedirect.com/science/article/abs/pii/S0030401820309743?dgcid=rss_sd_all	Web of Science

A Pragmatic Study on Hybrid-Crypto-Coding Schemes for Secure Data Access	T J Jeyaprabha, G Sumathi	ECE	JOURNAL OF INTERNET TECHNOLOGY	2020-21	ISSN 1607-9264 (Print), ISSN 2079-4029 (Online)	https://jit.ndhu.edu.tw/	http://ericdata.com/tw/detail.aspx?no=421483	Web of Science
Autonomous Upgraded Herbicide Sprayer Using Basic Concepts of Artificial Intelligence	Vishnusai R, T.J.Jeyaprabha	ECE	Turkish Journal of Computer and Mathematics Education Vol.12 No.12 (2021), 29-36	2020-21	P-ISSN: 2708-4477, E-ISSN: 2708-4485	https://www.turcomat.org/	https://www.turcomat.org/index.php/turkbilmat/article/view/7257	OTHERS
A novel subspace method for precise CFO estimation in multiuser environment	S.Chitra, N.Kumaratharan and S.Ramesh	ECE	International journal of Communication Systems, Published early view	2020-21	ISSN: 1099-1131	https://onlinelibrary.wiley.com/journal/10991131	https://onlinelibrary.wiley.com/doi/10.1002/dac.4608	Web of Science
Compressive sensing based recognition of human upper limb motions with kinect skeletal data	K Ashwini, R Amutha	ECE	Multimedia Tools and Applications, Springer, Published Online, 10.1007/s11042-020-10327-4	2020-21	print : 1380-7501	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-020-10327-4	Web of Science
Deep Learning-Based Segmentation in Classification of Alzheimer's Disease	R., Gayathri, Buvaneswari, P.R.	ECE	Arab Journal of Science and Engineering (2021).,	2020-21	ISSN 2193-567X	https://www.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-020-05193-z	Web of Science
SDN Controller Allocation and Assignment Based on Multicriterion Chaotic Salp Swarm Algorithm	Suresh K and Kumaratharan N	ECE	Intelligent Automation and Soft Computing, Vol. 27, No.1, pp. 89-102, 2021	2020-21	ISSN:1079-8587	https://www.techscience.com/journal/iasc	https://www.techscience.com/iasc/v27n1/41137	Web of Science

Realization of all-optical multiplexer–demultiplexer in mid-IR wavelengths using triple-core photonic quasi-crystal fiber	G A Sathish Kumar and M.Manimaraboopathy	ECE	Optics Communications, Elsevier Publishing, Volume 481,126556 Impact Factor: 2.125	2020-21	ISSN: 0030-4018	https://www.journals.elsevier.com/optics-communications	https://www.sciencedirect.com/science/article/abs/pii/S0030401820309743	Web of Science
Impedance characteristics of mid infra-red Quantum Cascade Lasers	P. Ashok, M. Ganesh Madhan	ECE	Journal of Optics and Laser Technology, Elsevier Publishing, Volume 134, Article No. 106662, pp. 1-8. ISSN-0030-3992	2020-21	ISSN-0030-3992	https://www.journals.elsevier.com/optics-and-laser-technology	https://www.elsevier.com/search-results?query=Impedance%20characteristics%20of%20mid%20infra-red%20Quantum%20Cascade%20Lasers%20P.%20Ashok	Web of Science
A Pragmatic Study on Hybrid-Crypto-Coding Schemes for Secure Data Access	T.J.Jeyaprabha & G.Sumathi	ECE	Journal of Internet Technology, Volume 22, (2021), No. 2, pp. 371-384. Open Access, peer reviewed journal. CiteSCore: 1.3, Impact Factor - 0.786	2020-21	ISSN:1607-9264	https://jit.ndhu.edu.tw/	https://jit.ndhu.edu.tw/article/view/2495	Scopus
Performance evaluation of free space optical link driven by gain switched temperature dependent quantum cascade lasers	S. Gopinath, P. Ashok, M. Ganesh Madhan	ECE	Laser Physics Letters, IOP Publishing, Astra Ltd, Volume 18, Issue 6, April 2021, Pages 1-5	2020-21	e-ISSN-1612-202X, p-ISSN-1612-2011	https://iopscience.iop.org/journal/1612-202X	https://iopscience.iop.org/article/10.1088/1612-202X/abf83a	Web of Science
Integrating fuzzy constraint with feature correlation for local outlier mining	P.Sharon Femi, S. Ganesh Vaidyanathan, A.Kala	ECE	Sādhanā - Published by the Indian Academy of Sciences	2020-21	EISSN:0973-7677	https://www.springer.com/journal/12046	https://link.springer.com/article/10.1007%2Fs12046-021-01688-z	Web of Science
SMART PARKING GUIDANCE SYSTEM	Sathya Priya M. S, Muthu Kumar.S	ECE	International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 07 Issue: 04 | Apr 2020	2020-21	e-ISSN: 2395-0056, p-ISSN: 2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V7/i4/IRJET-V7I4369.pdf	others

Multi level Key Exchange and Encryption Protocol for Internet of Things(IoT)	Dr.G.A.Sathish kumar Poomgal CT	ECE	International Journal of Computer Systems Science & Engineering vol:35,No.1	2020-21	ISSN: 0267-6192 (print)	https://www.techscience.com/journal/csse	https://www.techscience.com/csse/v35n1/40060	Web of Science
Multi-hop optimized routing algorithm and load balanced fuzzy clustering in wireless sensor networks	V.Rajaram and N.Kumaratharan	ECE	Journal of Ambient Intelligence and Humanized Computing	2020-21	EISSN:1868-5145, ISSN:1868-5137	https://www.scimagojr.com/journalsearch.php?q=19400158593&tip=sid&clean=0	https://link.springer.com/article/10.1007/s12652-020-01827-0	Web of Science
A robust image steganography using teaching learning based optimization based edge detection model for smart cities	K.Dhanasekaran, P.Anandan and N.Kumaratharan	ECE	Journal of Computational Intelligence	2020-21	Online ISSN:1467-8640	https://onlinelibrary.wiley.com/journal/14678640	https://onlinelibrary.wiley.com/doi/abs/10.1111/coin.12348	Web of Science
Application and Analysis of Approximate Bus and Shift-Invert Encoding Technique for Image Data Transfer over Serial Bus	V. Priyadarshini , S. R. Malathi	ECE	International Journal for Research in Applied Science and Engineering Technoology, Volume 8, Issue V, ISSN: 2321-9653	2020-21	ISSN: 2321-9653	https://www.ijraset.com/	https://www.researchgate.net/publication/341780131_Application_and_Analysis_of_Approximate_Bus_and_Shift-Invert_Encoding_Technique_for_Image_Data_Transfer	Others
Design and Implementation of Spatial Modulation Technique For 5G Wireless Networks	Komathi Dhavena.M & Dr.G.Padmavathi	ECE	International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056 , p-ISSN: 2395-0072 , pp 4586 - 4591,Volume: 07 Issue: 05 , May 2020	2020-21	e-ISSN: 2395-0056 , p-ISSN: 2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V7/i5/IRJET-V7I5878.pdf	others
Stability improvement on industrial load using current controlled voltage regulator	S. Sankar,, M.N. Saravana Kumar,, S. Sangeetha,, S. Radhika	ECE	Materialstoday:Proceedings	2020-21	https://doi.org/10.1016/j.matpr.2020.05.718	https://www.journals.elsevier.com/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785320343303	others

Smart Bin Waste Management Network using LoRa and Internet of Things	Dr.S Muthukumar, K.Selvamurugan, K.Santhosh Kumar, V.Shalini	ECE	International Journal of Engineering Research and Applications, Vol. 10, Issue 6, (Series-VIII) June 2020, pp. 61-65	2020-21	ISSN: 2248-9622	https://www.ijera.com/	https://www.ijera.com/papers/vol10no6/Series-8/G1006086165.pdf	OTHERS
Signal Acquisition of IRNSS Signals	Dr. S. Muthukumar, D. Jagadeeshwaran, V. Saveetha, M. K. Subramaniya Raman	ECE	International Journal of Engineering Research & Technology (IJERT), Vol. 9 Issue 06, June-2020	2020-21	ISSN: 2278-0181	https://www.ijert.org/	https://www.ijert.org/signal-acquisition-of-irnss-signals	OTHERS
Comparative Analysis of Support Vector Machine for Hyper spectral Image Classification	Komathi B, Gayathri R	ECE	International Journal of Innovative Research in Technology (IJITEE) pp. 133-139, Volume-7 Issue-1, June 2020	2020-21	ISSN: 2349-6002	https://www.ijitee.org/	http://ijirt.org/Article?manuscript=149631	OTHERS
ECC Based Lightweight Secure Message Conveyance Protocol for Satellite Communication in Internet of Vehicles (IoV)	G. A. Sathish Kumar and C. T. Poomagal,	ECE	Springer Wireless Personal Communications , Volume 113, issue 2, July 2020, pp1359–1377.	2020-21	ISSN : 0929-6212	https://www.springer.com/journal/112777	https://link.springer.com/article/10.1007/s11277-020-07285-3	Web of Science
In-depth survey on xor gate design	G.A.Sathish kumar and M.Babu	ECE	Journal of critical reviews, vol 7, issue 18, July 2020 pp.1879 - 1888.	2020-21	ISSN 2394-5125	https://www.jcreview.com/	http://www.jcreview.com/?mno=96724	OTHERS
Chaotic Map and Image Based Cryptosystem	Dr.G.A.Sathish Kumar and K.Meena	ECE	International Journal of Innovative Research in Technology , Volume 7 Issue 2 , July 2020.pp51-57.	2020-21	ISSN 2319-8753	http://ijirt.org/	http://ijirt.org/master/publishedpaper/IJIRT149935_PAPER.pdf	OTHERS

Area-Delay Efficient Fixed Stage Carry Skip Adder	M.Athappan, Dr KR Santha	ECE	International Journal of Advanced Science and Technology (IJAST), Vol. 29 No.7, pp 3609-3617	2020-21	ISSN(P): 2005-4238 ISSN(o): 2207-6360	http://sersc.org/journals/index.php/ijast	http://sersc.org/journals/index.php/IJAST/article/view/23047	Scopus
Generation of maximum power in PV system using EHO based embedded controller	Yaashuwanth.C	Information Technology	Journal of Ambient Intelligence and Humanized Computing (Springer)	2020-21	ISSN: 1868-5137	https://www.springer.com/journal/12652	https://link.springer.com/article/10.1007/s12652-020-01970-8	scopus
A centralized embedded controller for maximum power point tracking in solar photovoltaic system under fluctuating irradiance condition	Yaashuwanth.C, Vidhya .V	Information Technology	Journal of Microprocessors and Microsystems	2020-21	ISSN: 0141-9331	https://www.journals.elsevier.com/microprocessors-and-microsystems	https://www.sciencedirect.com/science/article/abs/pii/S014193312100209X	scopus
An Optimized deep Neural Network based DOS attack detection in Wireless video Sensor Network,	Yaashuwanth.C	Information Technology	Ambient Intelligence and Humanized Computing	2020-21	ISSN: 1868-5137	https://www.springer.com/journal/12652	https://link.springer.com/article/10.1007/s12652-020-02763-9	scopus
E2MR-HOA: Conservation of Energy through Multi-Hop Routing Protocol for WSN'S Using Hybrid Optimization Algorithm	Yaashuwanth.C	Information Technology	Journal Of Circuits, Systems And Computers,	2020-21	ISSN (print): 0218-1266 | ISSN (online): 1793-6454	https://www.worldscientific.com/worldscinet/jcsc	https://www.worldscientific.com/doi/abs/10.1142/S0218126621500419	scopus
IMPROVED TORQUE PERFORMANCE IN BLDC-MOTOR-DRIVE THROUGH JAYA OPTIMIZATION IMPLEMENTED ON XILINX PLATFORM	Yaashuwanth.C	Information Technology	MICROPROCESSORS AND MICROSYSTEMS	2020-21	0141-9331	https://www.journals.elsevier.com/microprocessors-and-microsystems	https://www.sciencedirect.com/science/article/abs/pii/S0141933120308279	scopus

Brushless direct current motor with MV-PID controller management system based on arm microcontroller	Yaashuwanth.C	Information Technology	CIRCUIT WORLD	2020-21	0305-6120	https://www.emerald.com/insight/publication/issn/0305-6120	https://www.emerald.com/insight/content/doi/10.1108/CW-08-2020-0201/full/html	scopus
An optimistic technique to detect Cache based Side Channel attacks in Cloud	G.Sumathi, G.Sangeetha	Information Technology	Peer-to-Peer Networking and Applications	2020-21	ISSN:1936-6442	https://www.springer.com/journal/12083	https://link.springer.com/article/10.1007/s12083-020-00996-1	scopus
A Pragmatic Study on Hybrid-Crypto-Coding Schemes for Secure Data Access	G.Sumathi	Information Technology	Journal of Internet Technology	2020-21	2079-4029	https://jit.ndhu.edu.tw/	https://jit.ndhu.edu.tw/article/view/2495	scopus
Forecasting of COVID-19 cases using deep learning models: Is it reliable and practically significant?	D.Jayanthi, G.Sumathi	Information Technology	Results in Physics	2020-21	2211-3797	https://www.journals.elsevier.com/results-in-physics	https://www.sciencedirect.com/science/article/pii/S2211379721000048	scopus
SDN controller and Assignment based on multicriterion chaotic salp swarm algorithm	K.Suresh	Information Technology	Intelligent Automation & Soft Computing	2020-21	ISSN:1079-8587	https://www.techscience.com/journal/iasc	https://www.techscience.com/iasc/v27n1/41137	scopus
Call Admission Control Decision Maker Based on Optimized Fuzzy Inference System for 5G Cloud Radio Access Networks	K.Suresh	Information Technology	Wireless Personal Communications	2020-21	ISSN:1079-8587	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-021-08487-z	scopus

. Multi-hop optimized routing algorithm and load balanced fuzzy clustering in wireless sensor networks	V.Rajaram	Information Technology	. International Journal of Communication Systems	2020-21	ISSN:1074-5351	https://onlinelibrary.wiley.com/journal/10991131	https://link.springer.com/article/10.1007/s12652-020-01827-0	scopus
An Improved Dynamic Fault Tolerant Management Algorithm during VM Migration of Cloud Data Center	Ms.V.M.Sivagami,	Information Technology	Future Generation Computing Systems,	2020-21	ISSN:1074-5351	https://www.sciencedirect.com/journal/future-generation-computer-systems	https://www.sciencedirect.com/science/article/abs/pii/S0167739X18324208	scopus
An optimized clustering using hybrid meta-heuristic approach for wireless sensor networks	V.Rajaram	Information Technology	Journal of Ambient Intelligence and Humanized Computing (Springer)	2020-21	ISSN: 1868-5137	https://www.springer.com/journal/12652	https://link.springer.com/article/10.1007/s12652-020-01827-0	scopus
A Novel Deep Learning Based Model for Tropical Intensity Estimation and Post-Disaster Management of Hurricanes	D.Jayanthi, G.Sumathi	Information Technology	Applied Sciences	2020-21	, ISSN: 2076-3417	https://www.mdpi.com/journal/applsci	https://www.mdpi.com/2076-3417/11/9/4129	scopus
A holistic review on energy forecasting using big data and deep learning models	D.Jayanthi	Information Technology	International Journal of Energy Research, Wiley, Online Library	2020-21	0363-907X (print) 1099-114X (web)	https://onlinelibrary.wiley.com/journal/10991114x	https://onlinelibrary.wiley.com/doi/abs/10.1002/er.6679	scopus
Detecting Anonymous Target and Predicting Target Trajectories in Wireless Sensor Networks	Leela Rani P	Information Technology	Symmetry 2021	2020-21	ISSN: 2073-8994	https://symmetry2021.sciforum.net/	https://www.mdpi.com/2073-8994/13/4/719	scopus

Maximum power generation in grid–connected photovoltaic system using WOA based embedded controller	Yaashuwanth.C	Information Technology	Journal of Electrical Engineering	2020-21	ISSN 1582-4594	http://www.jee.ro/index.php/jee	http://new.jee.ro/index.php/jee/article/view/WW1551149578W5c74aa0ae5aa5	scopus
Machine Learning Approach for secure communication in wireless video sensor networks against denial of service attacks',	Yaashuwanth.C	Information Technology	International Journal of Communication Systems	2020-21	ISSN:1074-5351	https://onlinelibrary.wiley.com/journal/10991131	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4073	scopus
Enhanced approach using trust based decision making for secured wireless streaming video sensor networks	Yaashuwanth.C	Information Technology	Multimedia Tools and Applications,	2020-21	ISSN:1380-7501	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-019-7585-5	scopus
Comparison of Experimental and Numerical Studies on Superplastic Forming of Rectangular Box Shape using AZ31 Magnesium Alloy Sheet	G. Prabaharan, S. Ramesh Babu, K. Parthasarathy and K.A. Raj kumar	Mechanical Engineering	International Journal of Vehicle Structures & Systems Chennai Vol. 12, Iss. 2, (2020): 201-204. DOI:10.4273/ijvss.12.2.19	2020-21	9753060	http://www.maftree.org/eja/index.php/ijvss	https://www.maftree.org/eja/index.php/ijvss/article/view/1392	SCopus
Optimization of injection timing and anti-oxidants for multiple responses of CI engine fuelled with algae biodiesel blend	S. Saravanan Krishnamoorthy	Mechanical Engineering	FUEL, Volume 287, 1 March 2021, 119438	2020-21	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236120324340	Web of Science
Mechanical and low velocity impact behaviour of intra-ply glass/ kevlar fibre reinforced nano-silica and micro-rubber modified epoxy resin hybrid composite	Ramesh R.,	Mechanical Engineering	Material Research Express 6 055302 https://doi.org/10.1088/2053-1591/aaff1e	2020-21	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/aaff1e	Web of Science

Performance of silver nano fluids with minimum quantity lubrication in turning on titanium:A phase to green manufacturing	N.Muthukrishnan, V.Anandan,M.Naresh babu and Dinesh babu	Mechanical Engineering	Journal of Brazilian society of Mechanical Sciences and Engineering (2020) 42:198	2020-21	1678-5878 / 1806-3691	https://www.springer.com/journal/40430	https://link.springer.com/article/10.1007/s40430-020-02277-7	Web of Science
Modeling and Analysis on Influential Machining Parameters of 38MnSiVS5 Micro alloyed Steel by D-Optimal Design	S.Muniraj and N.Muthukrishnan	Mechanical Engineering	International Journal of Manufacturing Technology and Management 2020, Vol :34 No:6 (In press)	2020-21	1741-038X / 1758-7786	https://www.inderscience.com/jhome.php?jcode=ijmtm	https://www.inderscienceonline.com/doi/abs/10.1504/IJMTM.2021.114698	Web of Science
Enhanced ergonomic design of driver seat	N.Muthukrishnan, N.Janakimanohar and A.Rahul kumar	Mechanical Engineering	AIP Conference Proceeding Published online 29-10-2020 https://doi.org/10.1063/5.0026898	2020-21	1551-7616	https://aip.scitation.org/journal/apc	https://aip.scitation.org/doi/10.1063/5.0026898	Scopus
Investigation on Corrosion Behavior of Cryogenically Treated Friction Stir Welded AA5083	M. Mohandass, Vasudevan Neelamegam, Bhaskar Govindasamy, Srinivasa Rao	Mechanical Engineering	MECHANIKA, 26(5), Oct. 2020	2020-21	1392-1207 / 2029-6983	https://mechanika.ktu.lt/index.php/Mech/about	https://mechanika.ktu.lt/index.php/Mech/article/view/23571	Web of Science
Production of pyrolytic oil from ULDP plastics using silica-alumina catalyst and used as fuel for DI diesel engine	Soundararajan Gopinath, P. K. Devan and K. Pitchandi	Mechanical Engineering	RSC Adv., 2020, 10, 37266	2020-21	2046-2069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011049&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/content/articlehtml/2020/ra/d0ra07073d	Web of Science
Subsurface integrity studies on the drilling of Al/B4C/mica hybrid metal matrix composites	S. Eaben Rajkumara K. Palanikumar b K. Pitchandi, and B. Latha	Mechanical Engineering	MATERIALS AND MANUFACTURING PROCESSES https://doi.org/10.1080/10426914.2020.1711918	2020-21	1042-6914 / 1532-2475	https://www.tandfonline.com/toc/lmmp20/current	https://www.tandfonline.com/doi/abs/10.1080/10426914.2020.1711918	Web of Science

Investigation on Mechanical Behavior of Sisal Fiber Reinforced Polylactic Acid and Sisal/Epoxy Composites	Dhannush, S. and Aushwin, S. and Arunagiri, Adhithian R. and Senthamaraikannan,C	Mechanical Engineering	Key Engineering Materials, ISSN: 1662-9795, 2020, Vol. 841, pp 322-326.	2020-21	1662-9795	https://www.scientific.net/KEM	https://www.scientific.net/KEM.841.322	Scopus
Investigation of the Tensile and Flexural Behavior of Polylactic Acid Based Jute Fiber Bio Composite	Aadithya, M. and Kirubakar, V.K. and Aakash, T. and Senthamaraikannan C	Mechanical Engineering	Key Engineering Materials, ISSN: 1662-9795, 2020, Vol. 841, pp 283-287	2020-21	1662-9795	https://www.scientific.net/KEM	https://www.scientific.net/KEM.841.283	Scopus
Investigation on Mechanical Performance of 3D printed Carbon and Glass Fiber reinforced Poly lactic Acid laminates	N.Rajapandian, C. Senthamaraikannan, S Rahul, R Anand Vijay Raj , T.V. Nithin Kumar	Mechanical Engineering	Elsevier,Materials Today Proceedings, April 2020, 10.1016/j.matpr.2020.03.114	2020-21	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785320318393?via%3Dihub	Scopus
Study on Static and dynamic behavior of Jute/Sisal fiber reinforced epoxy composites	M.Dhinesh Kumar, C.Senthamaraikannan, S.Jayasrinivasan, S.Aushwin	Mechanical Engineering	Elsevier, Materials Today Proceedings, April 2020, doi.org/10.1016/j.matpr.2020.03.064,	2020-21	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785320318393?via%3Dihub	Scopus
Overview of Polylactic acid and its derivatives in medicinal applications	C Senthamaraikannan, J.Jagadeeshwaran Akash K, Amanullah S, M Barath, R Manojkumar	Mechanical Engineering	IOP Conf. Ser.: Mater. Sci. Eng. 988 012003. Dec 2020	2020-21	1757-899X	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/988/1/012003	Scopus
A review on additive manufacturing of AA2024 and AA6061 alloys using powder bed fusion	C Senthamarai Kannan, G Punith Krishnan S Pravin Raj S Sai Sree Chandra	Mechanical Engineering	IOP Conf. Ser.: Mater. Sci. Eng. 988 012002.	2020-21	1757-899X	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/988/1/012002	Scopus

Design and analysis of shell and tube heat exchanger for low temperature applications using CFD	R S Anand Shibin David M. Gajendiran Kingston Stanley	Mechanical Engineering	IOP Conference Series: Materials Science and Engineering 912 (2020) 042056 https://doi:10.1088/1757-899X/912/4/042056 Impact factor 0.53	2020-21	1757-899X	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/912/4/042056	Scopus
Coconut fatty acid distillate as novel feedstock for biodiesel production and its characterization as a fuel for diesel engine	S Ponnuvel, K Rajesh, MP Natarajan, PK Devan	Mechanical Engineering	Renewable Energy, https://doi.org/10.1016/j.renene.2020.10.082, online from November 2020,	2020-21	0960-1481 / 1879-0682	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/912/4/042056	web of Science
Heat transfer study on DI diesel engine for various fuels	Raghu Palani, Sibi Pugalenthi, and Raghunath Adimoolam Ganesan	Mechanical Engineering	AIP Conference Proceedings 2283, 020013 ,	2020-21	1551-7616	https://aip.scitation.org/journal/apc	https://aip.scitation.org/doi/abs/10.1063/5.0025086?journalCode=apc	Scopus
Effect of Nozzle Hole Number on Diesel Engine Using Diesel and Biodiesel Blends	P Raghu, and S Sabareesh kumaran	Mechanical Engineering	IOP Conf. Series: Materials Science and Engineering 912 (2020) 042007 ,	2020-21	1757-899X	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/912/4/042007	Scopus
Experimental Study of Heat Transfer in a Direct Injection Diesel Engine, 2020.	P. Raghu , R. Sundarrajan, R. Rajaraman, M. Ramaswamy and B. Sathyanaryanan	Mechanical Engineering	Int. J. Vehicle Structures & Systems, 12(1), 82-84.,	2020-21	9753060	https://www.maftree.org/eja/index.php/ijvss/article/view/1360	https://doi.org/10.4273/ijvss.12.1.18	Scopus
Retrofit of two way holding chuck to improve process efficiency and resource management	M.Nishal, K.Ram Prasad, Karthik Balaji TV,K.Kalaivanan	Mechanical Engineering	Material Today Proceedings :Elsevier https://doi.org/10.1016/j.matpr.2020.08.024 September,2020	2020-21	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785320358831?via%3Dihub	Scopus

Antibacterial properties of wear resistant thermal diffusion coating	S C Atul, S. Ilaiyavel ,K T Jaishree	Mechanical Engineering	Transactions of the Indian Institute of Metals Oct 2020 http://doi.org/10.1007/s12666-020-02094-5	2020-21	0972-2815 / 0975-1645	https://www.springer.com/journal/12666/	https://link.springer.com/article/10.1007%2Fs12666-020-02094-5	web of Science
Prediction and optimization of engine characteristics of a DI diesel engine fueled with cyclohexanol/diesel blends	Kaliyaperumal Gopal, A.P. Sathiyagnanam,B. Rajesh Kumar, D.Damodharan, Melvin Victor De Poures, S. Saravanan, D. Rana & Balaji Sethuramasamyraja	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects 2020, Vol. 42, No. 16, 2006–2017	2020-21	1556-7036 / 1556-7230	https://www.tandfonline.com/toc/ueso20/current	https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1607923	web of Science
Investigation on reduction in consequences of adding antioxidants into the algae biodiesel blend as a CI engine fuel	S. Saravanan Krishnamoorthy	Mechanical Engineering	FUEL, Volume 276, 15 September 2020, 117993	2020-21	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236120309893?via%3Dihub	web of Science
Numerical optimization of design and fuel factors and development of a statistical model for the emission control of DI CI engine	G.Ravi S. Saravanan	Mechanical Engineering	FUEL Volume 281, 1 December 2020, 118656	2020-21	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236120316525?via%3Dihub	web of Science
Application of MRSN ratio and Taguchi parametric design in optimization of parameters of DI CI engine fueled with diesel-biodiesel-higher alcohol blends	S. Saravanan G.Ravi	Mechanical Engineering	Fuel 285 (2021) 119116	2020-21	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236120321128	web of Science
Aerial Root Fibres of Ficus amplissima as a Possible Reinforcement in Fibre-Reinforced Plastics for Lightweight Applications : Physicochemical, Thermal, Crystallographic, and Surface Morphological Behaviours Aerial Root Fibres of Ficus amplissima	Rameshkannan. G and Ramesh Babu. S	Marine/Mechanical	Journal of Natural Fibers,	Auguest 2021	Print ISSN: 1544-0478 Online ISSN: 1544-046X	https://www.tandfonline.com/toc/wjnf20/current	https://www.tandfonline.com/doi/abs/10.1080/15440478.2021.1958422?af=R&journalCode=wjnf20	Web of Science

Troubled Waters: Reading Joe'D' Cruz Ocean Rimmed World as a Critique of Marine Life and Mariner's Life	C Amutha charu Sheela& T Murugavel	Humanities & Social Sciences	Tierärztliche Praxis	2020-21	ISSN: 0303-6286 Vol 41,	https://tierarztliche.com/Vol-41-2021/	https://tierarztliche.com/Archives/ / https://tierarztliche.com/gallery/v41.15.pdf	Peer Reviewed/Others
Quantum Chemical Vibrational Study, FTIR and FT-Raman Spectra of 1,3-diphenyl propenone	H.Revathi, M.Thirumalaikumar, S.Sampath Krishnan, C.Charanya and N.Balamurugan	Applied Chemistry	Spectroscopy and Spectral Analysis	2019-20	1000-0593	http://www.gpxygpfx.com/EN/column/column105.shtml	http://www.gpxygpfx.com/EN/abstract/abstract11045.shtml#	Scopus
Quantum Chemical and Corrosion inhibition studies of (4-Chlorophenyl)-N-(4-methylphenyl)nitrone	P.G.Rubarani, S.Sampath Krishnan and M.Thirumalaikumar	Applied Chemistry	Spectroscopy and Spectral Analysis	2019-20	1000-0593	http://www.gpxygpfx.com/EN/column/column105.shtml	http://www.gpxygpfx.com/CN/abstract/abstract11046.shtml	Scopus
Iconographic analysis of piperidone derivatives and extension towards Complete Tripartite Graph accepting Continuous Monotonic Decomposition	J.B.Veeramalini, G.Baskar and S.Balachandran	Applied Chemistry	Global Journal of Pure and Applied Mathematics	2019-20	0973-1768	https://www.ripublication.com/gjpam.htm	http://www.ripublication.com/gjpam19/gjpamv15n6_15.pdf	Other
Evaluation of photocatalytic activity of copper ferrite nanoparticles	R.Priya, S.Stanly and S.Sagadevan	Applied Chemistry	Materials Research Express	2019-20	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab2d15	Scopius
A waste to worth approach in preparing ferric vanadate nanoparticles using peel extract for photocatalytic dye degradation induced by UV light	R.Priya, S.Stanly, R.Anuradha, S.Sagadevan and L.Muthukrishnan	Applied Chemistry	Optik - International Journal for Light and Electron Optics	2019-20	0030-4026	https://www.journals.elsevier.com/optik	https://www.sciencedirect.com/science/article/pii/S0030402619309763?via%3Dihub	Other

Photocatalytic and optical properties of NiO added Nephelium lappaceum L. peel extract : an attempt to convert waste to a valuable product	T.Adinaveen, K.Thenmozhi and S.Stanly	Applied Chemistry	Heliyon	2019-20	2405-8440	https://www.journals.elsevier.com/heliyon	https://reader.elsevier.com/reader/sd/pii/S2405844018367422?token=3557741C26F5899FE54028C85D37EC4BA0050B9009C442A48213A733651AB0BEB5BABC9CEF4C0584DAC86BE5E0BE2452&	Scopus
Effects of Chemical reaction on flow past a parabolic started vertical plate with uniform heat flux and variable mass diffusion	J. Venkatesan, R.Muthucumaraswamy	Applied Mathematics	Tierärztliche Praxis, Vol. 39 (10) pp. 73-85, 2019.	2019-20	ISSN 0303-6286	https://tierarztliche.com	https://tierarztliche.com/gallery/39.10.6.1.pdf	Other
First order chemical reaction on flow past a parabolic started vertical plate with uniform heat flux and mass diffusion	J. Venkatesan, R.Muthucumaraswamy	Applied Mathematics	Tierärztliche Praxis, Vol. 39(11) pp. 94-105,	2019-20	ISSN 0303-6286	https://tierarztliche.com	https://tierarztliche.com/gallery/v39.11.8.pdf	Other
Skin-Friction and rate of heat and mass transfer effects on MHD flow past a parabolic flow past an infinite isothermal vertical plate in the presence of thermal radiation and chemical reaction	P. Sivakumar, R.Muthucumaraswamy	Applied Mathematics	International journal of arts and humanities and social studies, Vol. 1(1) pp. 13-20, 2019.	2019-20	2582-3647	https://ijahss.in/	http://www.ipindexing.com/journal-article-file/18589/Skin-frictionandrateofheatandmasstransfereffectsonmhdflowpastaparabolicflowpastaninfiniteisothermalverticalplatei	Other
Effects of thermal radiation on MHD chemically reactive flow past an oscillating vertical porous plate with variable surface conditions and viscous dissipation	B. Prabhakar Reddy, R. Muthucumaraswamy	Applied Mathematics	i-manager's Journal on Future Engineering & Technology, vol. 15 · no. 2 pp. 8-18, 2020.	2019-20	0973-2632	https://imanagerpublications.com/journalsfulldetails/2/JournalonFutureEngineeringandTechnology	https://imanagerpublications.com/index.php/article/15020	Other
Performance Analysis of an M/M/1 Queue with Close Down Periods, Server under Maintenance Subject to Catastrophe	B. Thilaka B. Poorani S. Udayabaskaran	Applied Mathematics	Appl. Math. Inf. Sci. 13, No. S1, 325-335 (2019).	2019-20	1935-0090	http://www.naturalspublishing.com/show.asp?JorID=1&pgid=0	http://www.naturalspublishing.com/Article.asp?ArtcID=20432	Scopus

On Certain Distance and Degree Based Topological Indices of Zeolite LTA Frameworks	S. Prabhu, G. Murugan, Michael Cary, M. Arulperumjothi, and Jia-Bao Liu	Applied Mathematics	Materials Research Express Impact Factor : 1.49	2019-20	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab8b18/pdf	Web of Science
Identification of Certain Molecular descriptors of [p] nanosheet, [p,q] nanotube and [p,q] nanotori using Combinatorial Computation.	S. Prabhu, and Y. Sherlin Nisha	Applied Mathematics	Tierärztliche Praxis ISSN: 0303-6286 Vol 39, Issue 11, 259-272, 2019.	2019-20	ISSN 0303-6286	https://tierarztliche.com	https://tierarztliche.com/gallery/v39.11.20.pdf	Other
Degree equal domination in graph	N. Ramalingam, S. Karthikeyan, V. Swaminathan, S. Prabhu	Applied Mathematics	Tierärztliche Praxis, Vol 39 Issue 10, 1-10, 2019.	2019-20	ISSN 0303-6286	https://tierarztliche.com	https://tierarztliche.com/gallery/39.10.1.pdf	Other
Independent Resolving Set of Super sub division of Graphs	S. Prabhu, D. Sagayarani Jeba and T. Flora	Applied Mathematics	Journal of Information and Computational Science, Volume 10 Issue 3 -493-499, 2020.	2019-20	1548 - 7741	http://www.joics.org/	http://joics.org/gallery/ics-2684.pdf	UGC CARE
On Adriatic indices of Chain Silicate	S. Prabhu, K.S. Sudhakhar and G. Murugan	Applied Mathematics	Journal of Information and Computational Science, Volume 10 Issue 2, 612-620, 2020.	2019-20	1548 - 7741	http://www.joics.org/	http://www.joics.org/gallery/ics-2454.pdf	UGC CARE
On Certain Degree Based Topological Indices of Pyrene	S. Prabhu, D. Meiyappan, G. Murugan	Applied Mathematics	Journal of Information and Computational Science, Volume 10 Issue 1, 1376-1380, 2020.	2019-20	1548 - 7741	http://www.joics.org/	http://www.joics.org/gallery/ics-2283.pdf	UGC CARE

On Independent Resolving set in Octahedral Structures	S. Prabhu, V. Manimozhi and A.K. Arulmozhi	Applied Mathematics	Journal of Information and Computational Science, Volume 10 Issue 3, 484-492, 2020.	2019-20	1548 - 7741	http://www.joics.org/	http://joics.org/gallery/ics-2683.pdf	UGC CARE
Total Domination of uniform Theta graph	S. Prabhu, and S. Deepa	Applied Mathematics	Journal of Information and Computational Science, Volume 10 Issue 2, 1-5, 2020.	2019-20	1548 - 7741	http://www.joics.org/	http://www.joics.org/gallery/ics-2403.pdf	UGC CARE
Power Domination Number of Certain Octahedral Structures	S. Prabhu, A.K. Arulmozhi, M. Arulperumjothi	Applied Mathematics	Journal of Xi'an University of Architecture & Technology, Vol. 12 (2) 2020, 1-7, 2020.	2019-20	1006-7930	https://www.xajzkjdx.cn/	https://www.xajzkjdx.cn/gallery/49-feb2020.pdf	Scopus
Forgotten Topological Invariant of Some New Structures	K. Pattabiraman , G. Satheesh Kumar	Applied Mathematics	AIP Conference Proceedings 2177, 020062 (2019)	2019-20	0094-243X	https://aip.scitation.org/journal/apc	https://doi.org/10.1063/1.5135237	Scopus
On the edge version of Titanium dioxide nanosheet and nanotube	S. Prabhu, G. Murugan, M. Arulperumjothi	Applied Mathematics	Nanoscience & Nanotechnology Asia, In Press, 2020.	2019-20	2210-6812	https://www.eurekaselect.com/694/journal/nanoscience-amp-nanotechnology-asia	https://www.eurekaselect.com/article/106058	Scopus
Independent domination in directed graphs	Michael Cary, Jonathan Cary, S. Prabhu	Applied Mathematics	Communications in Combinatorics and Optimization, Vol. 6 No. 1, 2021 pp.67-80.	2019-20	2538-2128	http://comb-opt.azaruniv.ac.ir/	https://arxiv.org/pdf/1909.05121.pdf	Scopus

Quantum Chemical Computations, Molecular Docking, Vibrational Spectroscopic Analysis, Non-Linear Optical Properties and DFT Calculation of 2-[(2,3- Dimethylphenyl) Amino]Benzoic Acid	C. Chranya,S. Sampathkrishnan, N. Balamurugan	Applied Physics	Polycyclic Aromatic Compounds Dec 2019	2019-20	15635333, 10406638	https://www.tandfonline.com/	https://www.tandfonline.com/doi/abs/10.1080/10406638.2019.1700138	Scopus
Quantum Chemical Studies, Spectroscopic Analysis and Molecular Structure Investigation of 4-Chloro-2-[(Furan-2-Ylmethyl)Amino]-5-Sulfamoylbenzoic acid	C. Chranya,S. Sampathkrishnan, N. Balamurugan	Applied Physics	Macedonian Journal of Chemistry and Chemical Engineering, Vol. 38, No. 2, pp. 253–266 (2019)	2019-20	15635333, 10406638	https://mjcce.org.mk/index.php/MJCCE/article/view/1368	https://pdfs.semanticscholar.org/8bbf/e6fff9133e81626367581ac5fd31ab89037e.pdf?_ga=2.247686660.2083577683.1639977845-433244903.1639670352	Scopus
Quantum chemical and Corrosion Inhibition studies of (4- Chlorophenyl)-N-(4-Methylphenl) Nitrone	Rubarani. P.Gangadharan S.Sampath Krishnan and M. Thirumalaikumar	Applied Physics	Spectroscopy and Spectral Analysis Vol.39, No.12, pp. 3940-3945,2019	2019-20	10000593	http://www.gpxygpfx.com/EN/column/column105.shtml	http://www.gpxygpfx.com/article/2019/1000-0593-39-12-3940/img_2.png.html	Scoupus
Influence of acetyl, hydroxy and methyl functional groups on 2- phenylbutanoic acid by quantum computational, spectroscopic and ligand-protein docking studies	BR. Raajaraman , N.R. Sheela , S. Muthu	Applied Physics	Journal of Molecular Structure Vol 1188 (2019) pp.99-109	2019-20	ISSN. 00222860	https://ui.adsabs.harvard.edu/	https://ui.adsabs.harvard.edu/link_gateway/2019JMoSt1188...99R/doi:10.1016/j.molstruc.2019.03.093	Scopus
Spectroscopic, quantum computational and molecular docking studies on 1-phenylcyclopentane carboxylic acid	BR Raajaramana , N.R. Sheela , S. Muthu	Applied Physics	Computational Biology and Chemistry vol . 82 (2019) 44-56	2019-20	978-1-78985-366-7, eISBN 978-1-78985-691-0	https://www.sciencedirect.com/	https://doi.org/10.1016/j.compbiolchem.2019.05.011	Scopus
Green synthesized rGO-AgNP hybrid nanocomposite - an effective antibacterial adsorbent for photocatalytic removal of DB-14 dye from aqueous solution'	Karthik, C, Swathi N, Pandi Prabha S, Caroline D G	Biotechnology	Journal of Environmental Chemical Engineering	2019-20	2213-2929 / 2213-3437	https://mjl.clarivate.com:/search-results?issn=2213-2929&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.sciencedirect.com/science/article/abs/pii/S2213343719307006?via%3Dihub	Scopus/ Web of Science

Synthesis and characterization of turmeric oil loaded non-ionic surfactant vesicles (niosomes) and its enhanced larvicidal activity against mosquito vectors	Kalaiselvi Asaithambi, Janani Muthukumar, Rajkuberan Chandrasekaran, Nakkeeran Ekambaram, Mohana Roopan	Biotechnology	Biocatalysis and Agricultural Biotechnology	2019-20	1878-8181	https://mjl.clarivate.com:/search-results?issn=1878-8181&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.sciencedirect.com/science/article/pii/S1878818120304011	Scopus/Web of Science
Potential Effect of Zinc Oxide Nanoparticle as a Natural Antibiotic Drug against Bacterial species	A Binu Parvathy, R Ashok Kumar, V Sandhya, S Prabhu	Biotechnology	Plant Cell Biotechnology and Molecular Biology	2019-20	0972-2025	https://www.scimagojr.com/journalsearch.php?q=71491&tip=sid&clean=0	https://www.ikprress.org/index.php/PCBMB/article/view/5442	Scopus/ Web of Science
In silico and in vitro analysis of anti-urolithiatic activity of Garcinone E isolated from Garcinia mangostana pericarp extract	Akash Kumaran, Prabhu Sukumaran	Biotechnology	Plant Cell Biotechnology and Molecular Biology	2019-20	0972-2025	https://www.scimagojr.com/journalsearch.php?q=71491&tip=sid&clean=0	https://www.ikprress.org/index.php/PCBMB/article/view/5422	Scopus/ Web of Science
Nitrogen-fixing cyanobacteria as a potential resource for efficient biodiesel production	Senthil Nagappan, Rahul Bhosale, Dinh Duc Nguyen, Arivalgan Pugazendhi, Pei-Chien Tsai, Soon Woong Chang, Vinoth Kumar Ponnusamy, Gopalakrishnan Kumar	Biotechnology	Fuel	2019-20	2673-3994	https://mjl.clarivate.com:/search-results?issn=0016-2361&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-	https://www.sciencedirect.com/science/article/abs/pii/S0016236120314368	Scopus/Web of Science
Various potential techniques to reduce the water footprint of microalgal biomass production for biofuel—A review	Arivalagan Pugazhendhi, Senthil Nagappan, Rahul Bhosale, Pei-Chien Tsai, Shakunthala Natarajan, Saravanan Devendran, Lamya Al Haj, Vinoth Kumar Ponnusamy, Gopalakrishnan Kuma	Biotechnology	Science of The Total Environment	2019-20	0048-9697	https://www.journals.elsevier.com/science-of-the-total-environment?sf11840404=1	https://www.sciencedirect.com/science/article/abs/pii/S0048969720357478	others

Antimicrobial Haplindole Alkaloids as Chemical Marker for Rapid Identification of Stigonematales (Cyanobacteria)	Shachi Singh, Senthil Nagappan, Sanjay K Verma	Biotechnology	Analytical Chemistry Letters	2019-20	2229-7928	https://www.tandfonline.com/journals/tacl20	https://www.tandfonline.com/doi/abs/10.1080/22297928.2020.1852106	Others
In vitro evaluation of Hydrilla verticillata for anti adipogenesis activity on 3T3 L1 cell lines	Pandi Prabha S, Sadhana S, Karthik C, Caroline D G	Biotechnology	Pharmacognosy magazine	2019-20	0973-1296 / 0976-4062	https://mjl.clarivate.com:/search-results?issn=0973-1296&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.phcog.com/article.asp?issn=0973-1296;year=2020;volume=16;issue=5;spage=498;epage=505;aulast=Prabha;type=0	Web of Science
Hepatotoxic effect of lead and hepatoprotective effect of Hydrilla verticillata on hepatic transcriptional and physiological response in edible fish Labeo rohita	Pandi Prabha S, Johanna Rajkumar, Karthik C	Biotechnology	Drug chemical toxicology	2019-20	0148-0545 / 1525-6014	https://mjl.clarivate.com:/search-results?issn=0148-0545&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.tandfonline.com/doi/full/10.1080/01480545.2020.1815762	Scopus/ Web of Science
SYNTHESIS AND CHARACTERIZATION OF HYBRID GRAPHENE NANOCOOLANT FOR HEAT TRANSFER DISSIPATION IN MICROCHANNEL HEAT SINKS	Dr. G. Sudha	Chemical Engineering	Chinese journal of chemical Engineering	2019-20	1004-9541	https://www.journals.elsevier.com/chinese-journal-of-chemical-engineering	http://cjche.cip.com.cn//CN/10.1016/j.cjche.2019.06.006	Web of Science
DEVELOPMENT OF INTEGRATED MEMBRANE BIOREACTOR AND NUMERICAL MODELING TO MITIGATE FOULING AND REDUCED ENERGY CONSUMPTION IN PHARMACEUTICAL WASTEWATER TREATMENT	Dr. N P Kavitha	Chemical Engineering	Journal of Industrial and Engineering Chemistry	2019-20	1226-086X	https://www.journals.elsevier.com/journal-of-industrial-and-engineering-chemistry	https://www.sciencedirect.com/science/article/abs/pii/S1226086X1831013X	Web of Science
SYNTHESIS AND CHARACTERIZATION OF ULTRASONIC-ASSISTED DELONIX REGIA SEEDS: MODELLING AND APPLICATION IN DRY SEEDS	Mr. D. Sivakumar	Chemical Engineering	Desalination and water Treatment	2019-20	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_173/173_2020_427.pdf	Web of Science

EXPERIMENTAL AND KINETIC STUDY ON THE TREATMENT OF SYNTHETIC AND REAL PHARMACEUTICAL WASTEWATER BY ELECTROCOAGULATION	Dr. R. Palani	Chemical Engineering	Journal of Indian Chemical Society	2019-20	0019-4522	https://www.journals.elsevier.com/journal-of-the-indian-chemical-society	http://indianchemicalsociety.com/portal/uploads/journal/2020_03_9_Extended_1591073014.pdf	Web of Science
STUDIES ON INFLUENCE OF CELL TEMPERATURE IN DIRECT METHANOL FUEL CELL OPERATION	Dr. R Govindarasu	Chemical Engineering	MDPI Processes	2019-20	2227-9717	https://www.mdpi.com/journal/processes	https://www.mdpi.com/2227-9717/8/3/353	Web of Science
MASS TRANSFER STUDIES IN THREE-PHASE STIRRED FLUIDIZED BED USING NANOFLUIDS	Dr. N. Deepa Priya	Chemical Engineering	Chemistry Research Journal	2019-20	2455-8990	https://chemrj.org/	https://chemrj.org/download/vol-5-iss-2-2020/chemrj-2020-05-02-75-81.pdf	others
HYDRODYNAMIC STUDIES ON SPLIT CYLINDER REACTOR: EXPERIMENTAL AND CFD TECHNIQUE	Dr. N. Deepa Priya	Chemical Engineering	International Journal of Engineering Research & Technology	2019-20	2278-0181	https://www.ijert.org/?gclid=Cj0KCQjw1dGJBhD4ARIsANb6OdkGV070GfSfmmFUKqMUPw3MjUsX0VRVX_nN1LG-A3YVMZV9cCT8kbEaAnlvEALw_wcB	https://www.ijert.org/hydrodynamic-studies-on-split-cylinder-reactor-experimental-and-cfd-technique	others
Development of eco-friendly concrete produced with Rice Husk Ash (RHA) based Geopolymer	Shalini Annadurai, Kumutha Rathinam and Vijay Kanagarajan	Civil Engineering	Advances in concrete construction (ISSN:2287-5301), vol. 9, No. 2, pp. 139-147.	2019-20	2287-5301	http://www.techno-press.org/?journal=acc&subpage=5	https://doi.org/10.12989/acc.2020.9.2.139	Scopus & SCIE
Impact of low cost Airlines on Upper class Rail Transport for Long-Haul Travel in India	Nivetha Nithiyanandam, Sivaranjani Rajakamangalam Sivathanupillai, Sivasankari Rajendran, Sree Swathi Jayasankar, Selvakumar Muthusamy	Civil Engineering	International journal for Traffic and transport Engineering (ISSN: 2217-5652), Vol. 10 (1), pp. 61-68	2019-20	2217-5652 (online)	http://ijtte.com/article/89/About_Journal.html	https://journals.indexcopernicus.com/api/file/viewByFileId/811474.pdf	Others

Utilization of reclaimed sewage water in concrete	Dineshkumar Govindarajan, Anubama.S, Arun Raja.P & Arun G	Civil Engineering	International journal of Engineering research & Technology, vol. 9, issue 2, pp. 615-621	2019-20	2278-0181	https://www.ijert.org/	http://dx.doi.org/10.17577/IJERTV9IS020347	Others
Experimental Investigation on partial replacement of coarse aggregate with light weight expanded clay aggregate (LECA)	R.Ayswarya, P.Iswarya, M.Priyanka & K. SathyaPriya	Civil Engineering	International Journal of new innovations in Engineering and Technology	2019-20	2319-6319	https://www.ijniet.org/	http://www.ijniet.org/wp-content/uploads/2020/05/10.pdf	Others
Earthquake behaviour of Irregular building by linear static analysis using ETABS	Yuvabharathi.G & Venkateswara Rao. P	Civil Engineering	International research journal of Engineering and Technology	2019-20	ISSN-2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/i5/IRJET-V7I5454.pdf	Others
Influence of polypropelene fibre additive in cement and glass powder as partial replacement of fine aggregate in compressive strength of concrete	R.Aswini, K.Anees & P. Venkateswara Rao	Civil Engineering	International research journal of Engineering and Technology	2019-20	ISSN-2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/i5/IRJET-V7I5842.pdf	Others
Influence of copper slag and M-sand in compressive strength of concrete	S.Gengesh, S.Kumaran, S. Pramodsivan & P. Venkateswara Rao	Civil Engineering	International Journal of new innovations in Engineering and Technology , vol.13, issue 4, pp.18 to 22	2019-20	2319-6319	https://www.ijniet.org/	http://www.ijniet.org/wp-content/uploads/2020/05/3.pdf	Others
Experimental study on Rice Husk Ash as partial replacement of Cement in Concrete.	Abinash.K, Kabilan.E, Vaishnavi.L & SathyaPriya.K	Civil Engineering	International research journal of Engineering and Technology(e-ISSN:2395-0056), vol.7, issue 5, pp.6001 to 6007	2019-20	2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/i5/IRJET-V7I51142.pdf	Others

Investigation of compressive strength of concrete by partial replacement of fine aggregate and cement with M-sand and silicafume	Karthikeyan.M, Gowri chitra.k, Krishnakumari. V & Kalaivannan. R	Civil Engineering	International research journal of Engineering and Technology	2019-20	2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/i5/IRJET-V7I51355.pdf	Others
Economical and sustainable replacement for optical fibres in translucent concrete	D.Praveen, P.Preena, M.B.Priyadharshini & Ruby Freya	Civil Engineering	International journal Innovations in Management, Engineering and science (IJIMES)	2019-20	ISSN 2495-9008	http://www.ijimes.org/	http://www.ijimes.org/wp-content/uploads/2020/07/1.pdf	Others
Rainfall – runoff estimation by using Geographical information system (GIS)	Navin.J, Mohamed Ashfaque khan. M.A., Madheswaran. K. & Diraviabalan	Civil Engineering	International Research journal of engineering and Technology (IRJET)	2019-20	ISSN-2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/i6/IRJET-V7I6531.pdf	Others
Experimental investigation on concrete by partial replacement of cement by Prosopis Juliflora ash	Chandru J, Kalai selvam P, Sailesh K and Hariswaran S	Civil Engineering	International Research journal of engineering and Technology	2019-20	2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/i6/IRJET-V7I6999.pdf	Others
Traffic Rules Violation Detection System	Sushmitha C, Subhasree J, Thushara S S and Rajalakshmi V.	CSE	International Research Journal of Engineering and Technology	2019-20	2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/i4/IRJET-V7I4324.pdf	Others
Brain Tumor Multi-Classification using Convolutional Neural Network	Sandhya Rao P, Shwetha Goldie U, Viswapujitha S and Rajalakshmi V.	CSE	International Research Journal of Engineering and Technology	2019-20	2395 -0056	https://www.irjet.net	https://www.irjet.net/archives/V7/i4/IRJET-V7I4466.pdf	Others

Improving User Level Security in Green Cloud Environment Using EDNA Cryptography	K Dhinakaran , R. Gnanavel, T.Rajasekaran, S Durgadevi	CSE	Journal of Green Engineering	2019-20	1904-4720	http://www.jgenng.com/	http://www.jgenng.com/volume10-issue3.php	Scopus
Dynamic Resource Provisioning using Multi-Attribute Combinative Double Auction (MACDA) with SLA in Cloud Computing	Vinothiyalakshmi, R. Anitha	CSE	International Research Journal of Engineering and Technology	2019-20	2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/i6/IRJET-V7I61276.pdf	Others
Utility Based Multi Attribute Combinative Double Auction Resource Allocation in Cloud Computing	Vinothiyalakshmi, R. Anitha	CSE	International Research Journal of Modernization in Engineering Technology and Science	2019-20	2582-5208	http://irjmets.com/index.php	https://irjmets.com/pastvolumeissue.php?p=23	Others
Arbitrary Shape Hindi Text Detection For Scene Images"	Khanaghavalle. G. R, N. Rajeswari	CSE	International Research Journal of Engineering and Technology	2019-20	2395-0056	https://www.irjet.net	https://www.irjet.net/archives/V7/i5/IRJET-V7I51404.pdf	Others
An Enhanced Load Balancing in Cloud Environment Using Ant Colony Optimization (MLB-ACO) Algorithm	Subbiah Swaminathan, K.Naresh, K.Kumanan	CSE	Journal of Green Engineering	2019-20	1904-4720	http://www.jgenng.com/	https://research.vit.ac.in/publication/an-enhanced-load-balancing-in-cloud-environment-using-ant-colony	Scopus
Twitter Data Sentimental Analysis Using Multiple Classifications	M. Adimoolam, Raghav Sharma, A. John, M. Suresh Kumar, and K. Ashok Kumar	CSE	Journal of Computational and Theoretical Nanoscience, Vol 17, No.18	2019-20	1546-1955	http://www.aspbs.com/ctn.html	https://www.ingentaconnect.com/contentone/asp/jctn/2020/00000017/00000008/art00084	Scopus

Classification of Tweets during Catastrophic Situation	Aarthika. R, Deepthi P.S, Dharshina V, P. Vinothiyalakshmi	CSE	International Research Journal of Modernization in Engineering Technology and Science,Volume:02, Issue:06, pp. 503-507	2019-20	2582-5208	https://www.irjmets.com/	https://drive.google.com/file/d/1gGIn-F8Q_bvBM5GSVet-m1YApVDn-o6Q/view?usp=sharing	Others
Replication of Quantum Computing Towards an Unconventional Environment using QuIDE	E. Subramanian, C. S. Sanoj	CSE	International Journal of Recent Technology and Engineering	2019-20	2277-3878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v8i4/D9739118419.pdf	Scopus
A Computation Model for Planned and Functional Systems using Enterprise Information Technologies	E. Subramanian, C. S. Sanoj	CSE	International Journal of Engineering and Advanced Technology	2019-20	2249 – 8958	https://www.ijeat.org/	https://www.ijeat.org/wp-content/uploads/papers/v9i2/B3919129219.pdf	Scopus
Recurring Queries Optimization Using Mapreduce Model Technologies	E. Subramanian, C. S. Sanoj	CSE	International Journal Of Scientific Technology Research	2019-20	2277-8616	http://www.ijstr.org/	http://www.ijstr.org/final-print/dec2019/Recurring-Queries-Optimization-Using-Mapreduce-Model.pdf	Scopus
Risk Analysis of Cloud Service Providers by Analyzing the Frequency of Occurrence of Problems using E-Eclat Algorithm	C. Muralidharan, R. Anitha	CSE	International Journal of Wireless Networks	2019-20	2366-1186	https://link.springer.com/	https://link.springer.com/article/10.1007/s11276-019-02191-4	Scopus
Efficient Semantic Based Web Page Duplicate Detection Using SWP-RMA	A. C. Santha Sheela, C.Jayakumar	CSE	Life Science Journal, Mitteilungen Klosterneuburg	2019-20	1097-8135	http://mitt-klosterneuburg.com/mitt/index.php/archive/part/69/2/1/?currentVol=69&currentissue=2	http://mitt-klosterneuburg.com/mitt/index.php/archive/part/69/2/1/?currentVol=69&currentissue=2	Web of Science

Sequence Statistical Code Based Data Compression Algorithm for Wireless Sensor Network	S. Jancy, C. Jayakumar	CSE	Wireless Personal Communications	2019-20	1572-834X	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-019-06171-x	SCI
An Efficient Algorithm for Mining Frequent Itemsets in Large Databases	B. Praveen Kumar, D. Paulraj	CSE	Journal of Applied Mathematics and Information Sciences	2019-20	2325-0399	http://www.naturalspublishing.com/	http://www.naturalspublishing.com/files/published/p9600t826f7rbn.pdf	Others
Data Integrity management for detection of redundancy and recurrence patterns in cloud	S. Gokulakrishnan, J. M. Gnanasekar	CSE	Journal of Ambient Intelligence and Humanized Computing	2019-20	1868-5145	https://www.springer.com/journal/12652	https://link.springer.com/article/10.1007/s12652-019-01530-9	Scopus
Efficient and Privacy for Data Integrity and Data Replication in Cloud Computing	S. Gokulakrishnan, J. M. Gnanasekar,	CSE	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	https://www.ijitee.org	https://www.ijitee.org/wp-content/uploads/papers/v8i12/L35411081219.pdf	Scopus
Traffic sign and Obstacle detection in Vehicular Ad-Hoc Network (VANET) using HOG and Haar Classifier Techniques	T.Rajasekaran, Dr.Sumathi Eswaran, Dr.A.Rengarajan, Dr.T.V.Ananthan	CSE	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i10/H7141068819.pdf	Scopus
Modified high efficiency bidirectional DC–DC converter topology.	SS.Sethuraman, K.R. Santha.	EEE	Journal of Power Electronics,	2019-20	1598-2092	Journal of Power Electronics (JPE)https://jpels.org	https://link.springer.com/article/10.1007/s43236-020-00160-1	Scopus/UGC listed

Review of multiport isolated bidirectional converter interfacing renewable and energy storage systems	Santha K.R, S. Arulmozhi	EEE	International Journal of Power Electronics and Drive System,	2019-20	2722-256X	https://ijpeds.iaescore.com/index.php/IJPEDS/index	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/20264	Scopus
Performance Analysis of Modified Shunt Active Line Conditioner Using Kalman Filter trained by Neural Network	Muralikrishnan gopalakrishnan,Nalin Kant Mohanty	EEE	Journal of Advanced Research in Dynamical & Control Systems	2019-20	1943-023X	https://www.jardcs.org/index.php	https://www.jardcs.org/abstract.php?id=352	Scopus
Design and Implementation of High Frequency Induction Heating with LLC Resonant load matching using ELTA	Suganthi K, Sunandita V, Suraj R,Roja TS, Sundararaman	EEE	International Journal of Power Electronics and Drive System	2019-20	2722-256X	https://ijpeds.iaescore.com/index.php/IJPEDS/index	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/14883/12987	Scopus
A Low Cost PV Emulator using Labview and Arduino	K.Suganthi, Sundararaman K, Venkatakrishnakumar	EEE	International Journal of Engineering and Advanced Technology	2019-20	2249 – 8958	https://www.ijeat.org/	`https://www.ijeat.org/wp-content/uploads/papers/v9i2/B3009129219.pdf	Scopus
Choice of Frequency Ratio and Its Optimization for PWM Inverter Harmonic Distortion Control	M.Shankar R.P.Kumudinidev	EEE	Control Engineering and Applied Informatics	2019-20	1454-8658	http://www.ceai.srait.ro/index.php?journal=ceai&page=index	http://www.ceai.srait.ro/index.php?journal=ceai&page=article&op=view&path%5B%5D=5925	Scopus
A State-of-the-Art review on the drive of renewable in Gujarat, State of India: Present situation, barriers and future initiatives	Rajvikram.M Shafiullah.GM NM Kumar Sanjeevikumar Padmanaban	EEE	Energies	2019-20	1996-1073	https://www.mdpi.com/journal/energies	https://www.mdpi.com/1996-1073/13/1/40	Scopus/SCI

Experimental study conducted for the identification of best heat absorption and dissipation methodology in solar photovoltaic panel	Rajvikram.M Sivasankar.G	EEE	Solar Energy	2019-20	0038-092X	https://www.sciencedirect.com/journal/solar-energy	https://www.sciencedirect.com/science/article/abs/pii/S0038092X19309284	Scopus
Experimental investigation on the abasement of operating temperature in solar photovoltaic panel using PCM and aluminium	Rajvikram.M Leoponraj.S, Ramkumar.S Akshaya.H, Dheeraj.A	EEE	Solar Energy	2019-20	0038-092X	https://www.sciencedirect.com/journal/solar-energy	https://www.sciencedirect.com/science/article/abs/pii/S0038092X1930550X	Scopus
A fuzzy rule base approach for High Impedance Fault detection in distribution system using Morphology Gradient filter	KavaskarSekar and Nalin Kant Mohanty	EEE	Elsevier, Journal of King Saud University – Engineering Sciences-Inpress.	2019-20	1018-3639	https://www.sciencedirect.com/journal/journal-of-king-saud-university-engineering-sciences	https://reader.elsevier.com/reader/sd/pii/S1018363918303660?token=D0E08BC640A393E85964D22D60CB40619F862088EF0990C171C71743D884DF3D8AF5B693F14D8245343BF9ACB8608B50	Scopus/SCI
Investigations on Performance Enhancement Measures of the Bidirectional Converter in PV–Wind Interconnected Microgrid System	Rajvikram.M Aridra Ghosh.K Tapas K Mallick Apoorva.K Meenal.S	EEE	Energies	2019-20	1996-1073	https://www.mdpi.com/search?journal=energies	https://mdpi-res.com/d_attachment/energies/energies-12-02672/article_deploy/energies-12-02672-v3.pdf	Scopus/SCI
An SVD Based Fragile Watermarking Scheme Tamper Localization and Self Recovery	T.J.Jeyaprabha, G.Rajeswari	ECE	International Journal of Innovative Research in Technology, Volume 7, Issue 2, ISSN: 2349-6002	2019-20	ISSN: 2349-6002	http://ijirt.org/	http://ijirt.org/master/publishedpaper/IJIRT150065_PAPER.pdf	OTHERS
Detection and classification of electroencephalogram signals for epilepsy disease using machine learning methods	Mr.Srinath Dr.R.Gayathri	ECE	International Journal of Imaging Systems and technology.2020; pp.,1–12	2019-20	ISSN:0899-9457 / 1098-1098	https://onlinelibrary.wiley.com/journal/10981098	https://onlinelibrary.wiley.com/doi/10.1002/ima.22486	Web of Science

Design of Faster SMS4 Crypto System with Efficient XOR Gate”	G A Sathish Kumar and Babu M	ECE	International Journal of Advanced Science and Technology, Vol. 29, No. 3, September 2020, pp. 13494 – 13499	2019-20	ISSN: 2207-6360	http://sersc.org/journals/index.php/IJAST	http://sersc.org/journals/index.php/IJAST/article/view/31552	OTHERS
Study of gain switching in VCSEL under different electrical pulse inputs	K. Murali Krishna, M. Ganesh Madhan, P. Ashok	ECE	Defence Science Journal, Published by DESIDOC, DRDO, Vol.70, No. 5, pp. 538-541. [p-ISSN-0011-748X, e-ISSN-0976-464X]	2019-20	p-ISSN-0011-748X, e-ISSN-0976-464X	https://publications.drdo.gov.in/ojs/index.php/dsj	https://publications.drdo.gov.in/ojs/index.php/dsj/article/view/16340	Web of Science
A novel subspace method for precise CFO estimation in multiuser environment	S.Chitra, N.Kumaratharan and S.Ramesh	ECE	International journal of Communication Systems, Published early view	2019-20	ISSN: 1099-1131	https://onlinelibrary.wiley.com/journal/10991131	https://onlinelibrary.wiley.com/doi/10.1002/dac.4608	Web of Science
A comprehensive study on optimal energy efficient routing protocols for life time conservation of wireless sensor networks	Prabakaran K, Suresh G, Kumaratharan N and Senthil Kumar N.C	ECE	International journal of Psychosocial Rehabilitation, vol. 24, no. 8, pp. 1475-7192	2019-20	ISSN: 1475-7192	https://www.psychosocial.com/	https://www.psychosocial.com/article/PR281051/25860/	OTHERS
A Design of Bandwidth-Enhanced Conformal Antenna for Aircraft Applications	J.Monica, P.Jothilakshmi	ECE	IETE Journal of Research,Taylor & Francis,published online,DOI: 10.1080/03772063.2020.1829507	2019-20	ISSN :0377-2063 / 0974-780X	https://www.tandfonline.com/toc/tijr20/current	https://www.tandfonline.com/doi/full/10.1080/03772063.2020.1829507	Web of Science
Optimally Configured Convolutional Neural Network for Tamil Handwritten Character Recognition by improved Lion Optimization Model	Babitha lincy & R.Gayathri	ECE	Multimedia tools and applications, with ISSN 1380-7501	2019-20	ISSN:1380-7501 / 1573-7721	https://www.springer.com/journal/11042/	https://link.springer.com/article/10.1007/s11042-020-09771-z	Web of Science

Simulation studies on Polarization modulated Vertical cavity surface emitting laser for combined fiber and free space optical links	K. Murali Krishna, M. Ganesh Madhan, P. Ashok	ECE	Optik - International Journal for Light and Electron Optics, Elsevier Publishing, Vol. 219, Article No. 165018, pp. 1-10.	2019-20	ISSN-0030-4026	https://www.journals.elsevier.com/optik	https://www.sciencedirect.com/science/article/abs/pii/S0030402620308548	Web of Science
Study of the magnetic properties of Mn-doped iron titanate nanoparticles fabricated using natural mineral	Sutha Senthil, Dhineshbabu Nattanmai Raman, Arunmetha Sundaramoorthy	ECE	Micro & Nano Letters, https://doi.org/10.1049/mna2.12039	2019-20	1750-0443	https://ietresearch.onlinelibrary.wiley.com/	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/mna2.12039	Web of Science
An optimised clustering using hybrid meta heuristic approach for wireless sensor networks	V.Rajaram and N.Kumaratharan	ECE	International journal of Communication Systems, Accepted, DOI:10.1002/doc.4638	2019-20	ISSN:1074-5351 / 1099-1131	https://onlinelibrary.wiley.com/journal/10991131	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.4638	Web of Science
An Efficient Chaotic Optical signal generation scheme using Gain Lever Effect in bi-section laser diodes	P. Ashok, M. Ganesh Madhan, P. Deepiha, C. Rimmya, S. Piramasubramanian	ECE	Optics Communications, Elsevier Publishing, Vol. 475, Article No. 126202, pp. 1-10.	2019-20	0030-4018	https://www.journals.elsevier.com/optics-communications	https://www.sciencedirect.com/science/article/abs/pii/S0030401820306192	Web of Science
Target Object Detection using Chicken Social-Based Deep Belief Network with Hyperspectral Imagery	Sherin shibi & R.Gayathri,	ECE	IET Image processing (England)., Volume 14, Issue 15, 15 December 2020, p. 3781 – 3790, DOI: 10.1049/iet-ipr.2020.0344	2019-20	ISSN:1751-9659 / 1751-9667	https://www.springer.com/journal/11042	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-ipr.2020.0344	Web of Science
Performance Modelling of Service function Chaining in Distributed Controllers Secure Black SDN with NFV Architecture	Suresh K and Kumaratharan N	ECE	Solid State Technology, Vol. 63, Issue 5, pp. 7558-7567, 2020	2019-20	ISSN:7558-7567	https://www.solidstatetechnology.us/index.php/JSST	http://solidstatetechnology.us/index.php/JSST/article/view/6882	OTHERS

An Optimal Data Aggregation Scheme For Wireless Sensor Network Using Qos Parameters With Efficient Failure Detection And Loss Recovery Technique	Yaashuwanth.C	Information Technology	Neural network world	2019-20	ISSN:2336-4335	http://www.nnw.cz/	http://www.nnw.cz/doi/2019/NNW.2019.29.019.pdf	scopus
A Novel Data Aware Task Clustering for scientific workflow applications in Cloud	G.Sumathi	Information Technology	International Journal of Internet Technology and Secured Transactions	2019-20	17485703	https://www.inderscience.com/jhome.php?jcode=ijitst	https://www.inderscienceonline.com/doi/abs/10.1504/IJITST.2019.101825	scopus
Use case Repository Framework based on Machine Learning Algorithm to analyse the Software Development Estimation with Intelligent Information Systems	G.Sumathi	Information Technology	International Journal of Wavelets, Multiresolution and Information Processing,	2019-20	1793-690X.	https://www.worldscientific.com/worldscinet/ijwmip	https://www.worldscientific.com/doi/abs/10.1142/S0219691319410078	scopus
Analysis of EN 24 steel in turning process with copper nanofluids under minimum quantity lubrication	N.Muthukrishnan M. Naresh babu V.Anandan	Mechanical Engineering	Journal of the Brazilian society of Mechanical sciences and Engineering DOI: 10.1007/s40430-019-1606-1 h:29, Impact factor : 1.743	2019-20	1806-3691/1678-5878	https://www.springer.com/journal/40430	https://link.springer.com/article/10.1007/s40430-019-1606-1	web of Science
End milling of AISI 304 steel using minimum quantity lubrication	N.Muthukrishnan M. Naresh babu V.Anandan M.Santhana kumar	Mechanical Engineering	Measurement (138), 2019,681-689. h:70, Impact factor : 2.791	2019-20	0263-2241	https://www.sciencedirect.com/journal/measurement/vol/138/suppl/C	https://www.sciencedirect.com/science/article/pii/S0263224119300739	web of Science
Evaluation of graphene based nano fluids with minimum quantity lubrication in turning of AISI D3 steel	N. Muthukrishnan M. Naresh Babu · V. Anandan· A A. Arivalagar M. Dinesh Babu	Mechanical Engineering	SN Applied sciences, springer nature journal https://doi.org/10.1007/s42452-019-1182-0 h:15, Impact factor : 1.06	2019-20	2523-3971	https://www.springer.com/journal/42452	https://link.springer.com/article/10.1007/s42452-019-1182-0	Scopus

Design modification of Engine crank shaft Assembly	N.Muthukrishnan N.JanakiManohar A.Rahul kumar	Mechanical Engineering	International journal of Innovative Technology and Exploring Engineering, Vol.2, No.2,pp.1492-1495, Dec. 2019., h:0.29, Impact factor : 5.54	2019-20	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/download/volume-9-issue-2/	Scopus coverage years:from 2018 to 2019
Multi-Response Optimization of Turning Parameters onVanadium Micro alloyed Steel using Taguchi based Grey Relational Analysis Coupled with Principal Component Analysis	N.Muthukrishnan S.Muniraj G.Karthick	Mechanical Engineering	Journal of Recent Activities in Production, Vol.4, No.3,pp.42-52, 2019.	2019-20	2581-9771	http://matjournals.in/index.php/JoRAP/index	http://matjournals.in/index.php/JoRAP/article/view/4530	Others
Fluid flow in a DICI engine with various piston bowl geometry	Arumugam Sozhipillai, Pitchandi Kasi, Raghuram.P	Mechanical Engineering	Wulfenia Journal Vol.26, No.6, pp.16-24 h:2, Impact factor : 1.262	2019-20	1561-882X	https://www.multidisciplinarywulfenia.org/	https://www.multidisciplinarywulfenia.org/auto/index.php/archive/part/26/6/1/?currentVol=26&currentissue=6	Others
Subsurface integrity studies on the drilling of Al/B4C/mica hybrid metal matrix composites	S. Eaben Rajkumar, K. Palanikumar, K. Pitchandi & B. Latha	Mechanical Engineering	Materials and Manufacturing Processes, Vol.35, No.1, pp.52–60, 2020.	2019-20	1532-2475	https://www.tandfonline.com/toc/lmmp20/current	https://www.tandfonline.com/doi/abs/10.1080/10426914.2020.1711918	web of Science
Influence of mica particles as secondary reinforcement on the mechanical and wear properties of Al/B4C/mica composites	S. Eaben Rajkumar, K.Palanikumar and Pitchandi K.	Mechanical Engineering	Materials Express, Vol.9, No.4, pp.299-309, 2019.	2019-20	2158-5849	https://www.ingentaconnect.com/content/asp/me	https://doi.org/10.1166/mex.2019.1497	Scopus
Comparative account of the effects of two high carbon alcohols (C5 & C6) on combustion, performance and emission characteristics of a DI diesel engine	Rajesh Kumar, D. . Saravanan	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environ.Effects IF : 0.555	2019-20	1556-7036 / 1556-7230	https://www.tandfonline.com/toc/ueso20/current	https://doi.org/10.1080/15567036.2019.1604888	Web of Science

Combined effect of oxygenates and injection timing for low emissions and high performance in a diesel engine using multi-response optimization	B. Rajesh Kumar S. Saravanan K. Rajaram	Mechanical Engineering	Alexandria Engineering Journal, Vol.58,pp. 625–636, 2019. Impact factor : 3.6	2019-20	1110-0168	https://www.sciencedirect.com/journal/alexandria-engineering-journal	https://www.sciencedirect.com/science/article/pii/S1110016819300444	Scopus
Effect of design parameters on performance and emissions of a CI engine operated with diesel-biodiesel- higher alcohol blends	S. Saravanan R. Kaliyanasunder, B. Rajesh Kumar	Mechanical Engineering	Renewable Energy, Vol.148, pp.425- 436, 2020. Impact factor : 5.4	2019-20	0960-1481	https://www.sciencedirect.com/journal/renewable-energy/vol/148/suppl/C	https://www.sciencedirect.com/science/article/abs/pii/S096014811931540X	Web of Science
Predictive Correlations for NOx and smoke emission of DI CI engine fuelled with diesel-biodiesel-higher alchol blends-response surface methodology approach.	S. Saravanan G. Ravi	Mechanical Engineering	Fuel, Volume 269, 1 June 2020, 117304.	2019-20	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236120302994?via%3Dihub	Web of Science
Performance and emission characteristics of diesel engine fueled with diesel, bio diesel and additives	P.Janakiraman M.Gajendiran N.Nallusamy	Mechanical Engineering	AIP proceedings,2161, 020023, (2019); https://doi.org/10.1063/1.5127614,e: 02 October2019, pp.020023-1-6, h:60, IF : 0.4	2019-20	0094243X, 15517616	https://aip.scitation.org/	https://aip.scitation.org/doi/10.1063/1.5127614	Scopus
An optimization of spray and performance emission characteristic of Biodiesel and its blends by varying injection timing in diesel engine	P. Raghu B. Sakthivel, V.V. Linkesh Kumar J. Pradeep Raj& S. Niranjan Suresh	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development , Vol. 9, No. 3, pp.165-170,June 2019 h:9, Impact factor : 0.2	2019-20	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/view_full_paper.php?id=11237&type=html	Scopus
The experimental exploration for various injection timing of A DI diesel engine using corn oil Methyl Ester and Its blends	M.Shyam Sundar, S.Rethna Prakash D. Prasanth and P.Raghu	Mechanical Engineering	AIP Conference Proceedings, Vol.2161, pp.1-6 ,2019. h:60, Impact factor : 0.4	2019-20	2249-8001	https://aip.scitation.org/	https://doi.org/10.1063/1.5127604	Scopus

Spray characteristics optimization of biodiesel fuel in constant volume chamber using multi-response optimization technique	B. Yoneshwar C. Raj Kishore K. Vishnu & P. Raghu	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development Vol.9,No.4, pp.1125-1132, Aug 2019. h:9, Impact factor : 0.2	2019-20	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/view_paper.php?id=11823	Scopus
Spray Characteristic Study Of Corn Oil Methyl Ester For Various Number Of Nozzle Holes	B.Yoneshwar, N.Vishal, S.V.Karthik Varshan,A.K.Boobalasenthilrajand P.Raghu	Mechanical Engineering	AIP Conference Proceedings 2161, pp.020015 –1-6 ,2019. h:60, Impact factor : 0.4	2019-20	2249-8001	https://aip.scitation.org/	https://aip.scitation.org/doi/10.1063/1.5127606	Scopus
Effect of Nozzle Hole Geometry On Diesel Engine Using Diesel and Biodiesel Fuel	R.Rajaraman R.Sundarrajan B.Sathyanaryanan P.Raghu	Mechanical Engineering	IOSR Journal of Mechanical and Civil Engineering,Volume 16, No. 3, pp.34-39,June 2019.	2019-20	2278-1684	https://www.iosrjournals.org/iosr-jmce.html	https://www.iosrjournals.org/iosr-jmce/pages/16(3)Series-1.html	Others
Machinability Studies on High Strength Heat Resistance Ti6Al4V Titanium Alloy using Micro Textured and Coated HSS Drills	S.Ramesh Babu, S.Ponnuvel M.Prem Ananad C.Madhankumar, S.R Harishkumar	Mechanical Engineering	International Journal of Recent Technology and Engineering ,Vol.7, No.5S4, Feb. 2019. h: 20	2019-20	2277-3878	https://www.ijrte.org/	https://www.ijrte.org/download/volume-7-issue-5s4/	Scopus coverage years:from 2018 to 2019
Design of Collision Force Damping System for the Safety of Vehicles Using ToF Infrared LiDAR Sensor	Sivaramapandian J , P. B.P. Kumar, A.M. Kumar A, Maurya V	Mechanical Engineering	IOSR Journal of Mechanical and Civil Engineering Vol.16(3), pp.21-25 2019,	2019-20	2278-1684	https://www.iosrjournals.org/iosr-jmce.html	https://www.iosrjournals.org/iosr-jmce/pages/16(3)Series-1.html	Others
Effect of Dimple Geometry on Uni-Directional Sliding Wear Performance	Vijay.V, Prem Ananth.M	Mechanical Engineering	Materials Today: Proceedings, Vol.16, pp.714-719, 2019. I.F. 7.3	2019-20	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785319309952	Scopus

Microstructural and Tribological Analysis of Boronizing Methods on SAE 52100	S.Ilaiyavel, S C Atul S P Chandra Sekar	Mechanical Engineering	The Indian Institute of Metals - IIM 2019. I.F. 1.17	2019-20	0975-1645	https://www.springer.com/journal/12666	https://link.springer.com/article/10.1007/s12666-019-01766-1	Scopus
Mechanical Strength Behavior of Hybrid Composites Tailored byGlass/Kevlar fibre-Reinforced in Nano-Silica and Micro-Rubber Blended Epoxy,	R Ramesh R. Gokuldass,R.	Mechanical Engineering	Silicon, Springer Publications, Jan.2019 Impact factor : 1.21	2019-20	1876-9918	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-018-0064-1	Scopus
Experimental investigation of mechanical, tribological and dielectric properties of alumina nano wire-reinforced PEEK/PTFE composites	R Ramesh T S Frank Gladson, R C Kavitha	Mechanical Engineering	Materials Research Express, Vol.6, No. 11, Oct. 2019. Impact factor : 1.449	2019-20	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab491d	Scopus
Parameters effect on SS304 beads deposited by wire arc additive manufacturing	D.T. Sarathchandra, M. J. Davidson, and Gurusamy Visvanathan	Marine Engineering	MATERIALS AND MANUFACTURING PROCESSES	2019-20	1532-2475	https://www.tandfonline.com/doi/full/10.1080/10426914.2020.1743852	https://www.tandfonline.com/doi/full/10.1080/10426914.2020.1743852	SCI
Commodification of identities: Reading Richard Flanagan's The Unknown Terrorist as a critique of nexus between authoritarian regimes and the media	C Amutha charu Sheela	Humanities & Social Sciences	Journal of Critical Reviews JCR. 2020; 7(13): 3102-3107 doi: 10.31838/jcr.07.13.495	2019-20	ISSN- 2394-5125 VOL 7, ISSUE 13	https://www.jcreview.com	http://www.jcreview.com/index.php?mno=129885	Peer Reviewed/Others
Reception and Perception of English in the Engineering Educational Context – A Study on Analysis on Student's Attitude'	P Ganapathy, Dr T Murugavel and Dr S Soundiraraj	Humanities & Social Sciences	Tierärztliche Praxis	2019-20	0303-6286 Vol 40	https://tierarztliche.com/Vol-40-2020/	https://tierarztliche.com/gallery/v40.141.pdf	Peer Reviewed/Others

Garrisoned Moments: Memory And Nationalism in Rohini Mohan's The Seasons of Trouble: Life amid the Ruins of Sri Lanka's Civil War	C Amutha charu Sheela	Humanities & Social Sciences	International Journal of English Language, Literature in Humanities	2019-20	Vol. 7, Issue 5, May 2019 .p21-369(ISSN-2321-7065)	https://ijellh.com/OJS/index.php/OJS	https://www.bibliomed.org/?mno=129885	UGC approved (No. 43979)
Optimization of end milling on Al–SiC-fly ash metal matrix composite using Topsis and fuzzy logic	J.Venkatesan	AUT	SN Applied Sciences (Springer)	2019-20	2523-3971	https://www.springer.com/journal/42452	https://www.infona.pl/resource/bwmeta1.element.springer-doi-10_1007-S42452-019-1191-Z	Science Citation Index Expanded
Performance and emission analysis of diesel engine using thermal barrier coating and addition of cerium oxide nanoparticles to palm biodiese	Thiruselvam, K and Ganesh, V	AUT	Journal of oil palm research	2019-20	Online : ISSN 0944-1344	http://jopr.mpob.gov.my/	http://jopr.mpob.gov.my/performance-and-emission-analysis-of-diesel-engine-using-thermal-barrier-coating-and-addition-of-cerium-oxide-nanoparticles-to-palm-biodiesel/	Scopus
Performance and emission characteristics analysis of thermal barrier coated diesel engine using palm biodiesel	Thiruselvam Krishnamoorthi & Ganesh Vinayagasundaram,	AUT	Environmental Science and Pollution Research	2019-20	Online : ISSN 0944-1344, Springer	https://www.springer.com/journal/11356	https://link.springer.com/article/10.1007/s11356-019-04637-w	Scopus
Phytol – A biosurfactant from the aquatic weed Hydrilla verticillata	Pandi Prabha, S, Karthik, C, Hema Chandrika, S H,	Biotechnology	Biocatalysis and Agricultural Biotechnology	2019-20	1878-8181	https://mjl.clarivate.com:/search-results?issn=1878-8181&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.sciencedirect.com/science/article/pii/S1878818118307837	Scopus/ Web of Science
Potential of Two-Stage Cultivation in Microalgae Biofuel Production	Senthil Nagappan	Biotechnology	Fuel	2019-20	0016-2361 / 1873-7153	https://mjl.clarivate.com:/search-results?issn=0016-2361&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.sciencedirect.com/science/article/abs/pii/S0016236119307033	Scopus/ Web of Science

Passive Cell Disruption Lipid Extraction Methods of Microalgae for Biofuel Production- A review	Senthil Nagappan	Biotechnology	Fuel	2019-20	0016-2361 / 1873-7153	https://mjl.clarivate.com:/search-results?issn=0016-2361&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.sciencedirect.com/science/article/abs/pii/S0016236119306581	Scopus/Web of Science
MIMO Antennas-a review	K Srividhya;Dr.Umma Habiba	ECE	International Journal of Research and Analytical Reviews, Impact factor: 5.75	2019-20	E-ISSN 2348-1269, P-ISSN 2349-5138	https://www.ijrar.org/	http://ijrar.com/upload_issue/ijrar_issue_20543493.pdf	UGC listed journal
Compact Dumbbell Shape Antenna for S-Band Communication	Dr.P.Jothilakshmi and R.Mohana Sundaram	ECE	i-manager's Journal on Communication Engineering and Systems, PISSN: 2277-5102, EISSN Online: 2277-5242, Vol. 8, issue No. 2, pp.1-6	2019-20	ISSN 2179-1074	http://www.jmoe.org/index.php/jmoe/index	http://www.jmoe.org/index.php/jmoe/article/view/710	Scopus
Performance Study of Cooperative Spectrum Sensing for Cognitive Radio Networks Using Network Coding	K.Bhavya,Dr. G. Padmavathi	ECE	International Journal of Research and Analytical Reviews, Vol. 6,Issue. 2 , Pg. 579-583,Impact Factor 4.236	2019-20	ISSN 2348-1269, P-ISSN 2349-5138	https://ijrar.org/	http://ijrar.com/upload_issue/ijrar_issue_20543577.pdf	UGC listed journal
Active Safety with Traffic Sign Recognition System in Vehicular Ad-Hoc Network (Vanet) using Classifier Techniques	T.Rajasekaran, Dr.Sumathi Eswaran, Dr.A.Rengarajan, Dr.T.V.Ananthan	CSE	International Journal of Recent Technology and Engineering	2018-19	2277-3878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v8i2/B3813078219.pdf	Scopus
Optimal Partial Aggregation Based Energy Delay Compromise Technique for Wireless Sensor Network',	Yaashuwanth.C	Information Technology	IETE Journal of Research,	2018-19	Journal ISSN: 0974780X	https://www.tandfonline.com/toc/tijr20/current	https://www.tandfonline.com/doi/abs/10.1080/03772063.2018.1464966	scopus

An Improved Multi-objective Optimization for Work Flow Scheduling in Cloud Platform	G.Sumathi	Information Technology	Journal of Internet Technology	2018-19	1607-9264	https://jit.ndhu.edu.tw/	https://jit.ndhu.edu.tw/article/view/1489	scopus
A women's voice for nature in Silent Spring	Murugavel T	Humanities & Social Sciences	Bodhi International Journal of Research in Humanities ,Arts and Science	2018-19	Vol :3 Special issue 1 March 2019 E-ISSN 2456-5571	http://www.bodhijournals.com/spl_issue	http://www.bodhijournals.com/pdf/spl/march2019/Bodhi_V3S1.pdf	Peer Reviewed/Others
Arthur C Doyle's Sherlock Holmes - An Ideal Material for the 21st Century Learners'	Ganapathy P	Humanities & Social Sciences	Literary Endeavour	2018-19	ISSN 0976-299X	https://www.literaryendeavour.org/	https://drive.google.com/drive/folders/1ttnMwHJpAOlBQ2HyJCFKa9XUXRbqXNkB?usp=sharing	UGC approved Journal No: 44728. Indexed in Google Scholar, Scopus and EBSCO PUBLISHING.
NiO/C3N4 : hybrid photocatalyst for the enhanced photodegradation of organic pollutant under visible light	T.Kamatchi, S.Stanly and G.B.Sundaram	Applied Chemistry	Materials Research Express	2018-19	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/aadc3e/meta	Scopus
Effect of magnesium sulfate on the electrochemical behavior of lead electrodes for lead acid batteries	M.Venkateswarlu, T.Balusamy, KSN. Murthy, M.Jagadish and S.Vijayanand	Applied Chemistry	Electrochemical Energy Technology	2018-19	2300-3545	https://www.degruyter.com/journal/key/eetech/html	https://www.degruyter.com/document/doi/10.1515/eetech-2018-0007/html	Other
MHD Flow Past a Parabolic Started Isothermal Vertical Plate with First Order Chemical Reaction	R.Muthucumaraswamy and S. Velmurugan	Applied Mathematics	Journal of Applied Science and Computations, Vol 5, No.10, pp.1255-1265, 2018. Impact Factor : 5.8	2018-19	ISSN: 2277-9655	http://www.ijesrt.com/	http://www.ijesrt.com/issues%20pdf%20file/Archives-2014/April-2014/109.pdf	UGC

Hall, Magneto Hydrodynamic and Radiation Effects on Rotating Fluid Past a Moving Vertical Plate with Mass Diffusion	Vijayalakshmi AR, Kanimozhi B	Applied Mathematics	Journal of Computational and Theoretical Nanoscience, Vol. 14 No.12, pp.5761-5769, 2017 Impact Factor : 1.666	2018-19	ISSN 1546-1955 (Print); ISSN 1546-1963 (Online)	https://www.ingentaconnect.com/content/asp/jctn;jsessionid=165dcfatjqbfd.x-ic-live-01	https://www.ingentaconnect.com/content/asp/jctn/2017/00000014/00000012/art00016	Scopus
Implicit Scheme Solution of Unsteady MHD Flow	Vijayalakshmi AR, SelvaJayanthi M	Applied Mathematics	Appl. Math and Information Science, Vol. 12, No.2, pp.379-388, 2018 Impact Factor : 1.232	2018-19	Cover ISSN 1935-0090 (print) ;ISSN 2325-0399 (online)	http://www.naturalspublishing.com/show.asp?JorID=1&pgid=0	http://www.naturalspublishing.com/files/published/myr3824mm2i044.pdf	Scopus
Effects of radiation on MHD in a rotating fluid past a vertical plate with variable temperature and mass	Ravikumar J and Vijayalakshmi A.R.	Applied Mathematics	International Journal of Pure and Applied Mathematics, Vol.119, No.13, pp. 317-325, 2018 Impact factor : 7.19	2018-19	ISSN 1311-8080 (print) ISSN 1314-3395 (online)	https://ijpam.eu/	https://acadpubl.eu/hub/2018-119-13/articles/34.pdf	Scopus
Effect of Thermal Radiation on a Linearly Accelerated Vertical Plate with Variable Mass Diffusion and Uniform Temperature Distribution in a Rotating Medium	MohanaMurali S., Vijayalakshmi A.R	Applied Mathematics	International Journal of Computer Sciences and Engineering Vol. 6, No.12, pp.563-569, 2018. Impact Factor : 6.0127	2018-19	ISSN 2347-2693	https://www.ijcseonline.org/index.php	https://www.ijcseonline.org/pdf_paper_view.php?paper_id=3380&96-IJCSE-05525.pdf	UGC
On independent resolving numberofTiO2[m, n] nanotubes	S. Prabhu, T. Flora and M. Arulperumjothi	Applied Mathematics	Journal of Intelligent & Fuzzy Systems, Vol. 35 pp.6421–6425, 2018. Impact factor : 1.426	2018-19	ISSN 1064-1246	https://content.iospress.com/journals/journal-of-intelligent-and-fuzzy-systems/Pre-press/Pre-press	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs181314	Web of Science
On the New Topological Index of Certain Nanostructures using Combinatorial Computation	S. Prabhu, G. Murugan and K. S. Sudhakhar	Applied Mathematics	Journal of Computer and Mathematical Sciences, Vol.9, No.9, pp. 1257-1265, September 2018 Impact factor : 4.655	2018-19	ISSN 0976 - 5727	http://www.compmath-journal.org/index.php	http://www.compmath-journal.org/detail/865/On-the-New-Topological-Index-of-Certain-Nanostructures-using-Combinatorial-Computation/S-Prabhu-G-Murugan-and-K-S-	Other

Detour Distance Sequence of Grid and Grid Derived Networks	S. Prabhu, Y. SherlinNisha, K.S. Sudhakhar	Applied Mathematics	International Journal of Advanced Research in Basic Engineering Sciences and Technology, Vol.4, No.9, pp.62-67, September 2018 Impact Factor : 5.023	2018-19	ISSN 2456-5717	https://www.ijarbest.com/	https://www.ijarbest.com/journal/v4i9	Otther
Air Pollution Monitoring System using Android Application	Kurubaran A, Varun Krishna S, Vignesh K, Bhaskaran A.	Applied Physics	International Journal of Current Research and Review, Vol 10, No.21, Nov 2018, pp 112-115	2018-19	0975-5241 (Online)	http://ijcrr.com/uploads/2575_pdf.pdf	http://dx.doi.org/10.31782/IJCRR.2018.112115	others
Effect of Dimethyl Carbonate on Performance and Emission	Sharan P, A. Bhaskaran, Kalpana S, Ramesh Babu A.	Applied Physics	International Journal of Current Research and Review, Vol 10, No.21, pp.116-121, Nov.2018.	2018-19	0975-5241 (Online)	http://ijcrr.com/uploads/2575_pdf.pdf	http://dx.doi.org/10.31782/IJCRR.2018.116121	others
Adsorption Studies on Reactive Black 5 by Varying the Composition of Sorel Cement	Dr. A. Bhaskaran R. Hariharasuthan	Applied Physics	International Journal of Current Research and Review, Vol 10, No.21, pp.122-125, Nov.2018	2018-19	0975-5241 (Online)	http://ijcrr.com/uploads/2575_pdf.pdf	http://dx.doi.org/10.31782/IJCRR.2018.122125	Scopus
Quantum Chemical Calculation on 4-[2(tert-Butylamino)-(1 hydroxyethyl)] Phenol buy Density functional Theory	Ruba Rani P GangadharanDr. S.Sampathkrishnan	Applied Physics	Spectroscopy and Spectral analysis, Vol 38, pp.3681-3637, Nov. 2018	2018-19	10000593	http://www.gpxygpfx.com/EN/column/column105.shtml	http://www.gpxygpfx.com/EN/abstract/abstract10166.shtml	Scopus
Natural Bond orbital, Natural population analysis of atomic charges of 4 amino- 3 phenylbutanoic acid	Saranya C Dr. S.SampathkrishnanBalamurugan N	Applied Physics	Spectroscopy and Spectral analysis,Vol 39,pp. 3 March. 2019	2018-19	10000593	http://www.gpxygpfx.com/EN/column/column105.shtml	https://www.researchgate.net/publication/333563668_Natural_Bond_Orbital_NBO_Natural_Population_Analysis_and_Mulliken_Analysis_of_Atomic_Charges_of_4-Amino-3-	scopus

Molecular Docking, Quantum Chemical Analyses of Molecular Structure and Spectroscopic Investigations of N-[1-(1-Benzothien-2-yl)ethyl]-N- hydroxyurea: A Combined Experimental and Theoretical Studies	C. Charanya, S. Sampathkrisshnan, A. Bhaskaran, N. Balamurugan	Applied Physics	International Journal of Current Research and Review, Vol 10, No.21, pp.106-111, Nov.2018.	2018-19	0975-5241 (Online)	http://ijcrr.com/uploads	http://dx.doi.org/10.31782/IJCRR.2018.106111	Scopus
Characteristics studies on thin films of epoxy resin in Organic solvent	Kumari MVL, Kaviarasi A, A. Anandavadivel Prabhakaran AR	Applied Physics	International Journal of Chemical Sciences, Vol.16, No.4, pp.1-7, Dec 2018.	2018-19	0972-768X	https://www.tsijournals.com/articles	https://www.tsijournals.com/articles/characteristic-studies-on-thin-films-of-epoxy-resin-in-organic-solvent.pdf	Others
Thermal Mechanical and Dielectric studies on thin films of Ethylene vinyl acetate copolymer with varying concentration of Vinyal acetate	Kumari MVL, Kaviarasi A, A. Anandavadivel Prabhakaran AR	Applied Physics	International Journal of Chemical Sciences, Vol.16, No.4, pp.1-6, Dec 2018.	2018-19	0972-768X	https://www.tsijournals.com/articles	https://www.tsijournals.com/articles/thermal-mechanical-and-dielectric-studies-on-thin-films-of-ethylene-vinyl-acetate-copolymer-with-varying-concentration-o.pdf	others
Investigation on Novel Nonlinear Optical L-threonine Calcium Chloride Single Crystal Grown by Solution Growth Technique	K. Raju	Applied Physics	International Journal of Applied Engineering Research ISSN 0973-4562 Vol. 13, No.18, PP13454-13454,2018	2018-19	ISSN: 0972-768X	https://www.hindawi.com/journals/?utm_source=bing&utm_medium=cpc&utm_campaign=HDW_MRKT_GBL_SUB_BNGA_PAI_KEYW_HDWJP_X_GENBMM&msc	http://www.ripublication.com/ijaer18/ijaerv13n18_06.pdf	others
Investigation of 1-Acetyl-4-(4-hydroxyphenyl) piperazine an antifungal drug by spectroscopic quantum chemical computations and molecular docking studies	Raajaraman B R Sheela N R.,Muthu S.	Applied Physics	Journal of Molecular Structure, Vol.1173, pp.583-595, 2018.	2018-19	ISSN. 00222860	https://ui.adsabs.harvard.edu/	https://www.sciencedirect.com/science/article/abs/pii/S0022286018308494?via%3Dihub	others
Molecular Conformational Analysis, Vibrational Spectra, NBO,HOMO–LUMO and Molecular docking of Modafinil Based on DensityFunctional Theory	Ms. G. Bharathy, Johanan Christian Prasana, S. Muthu	Applied Physics	International Journal of Current Research and Review, Vol 10, No.21,PP 36-46 2018	2018-19	0975-5241 (Online)	http://ijcrr.com/uploads/2560_pdf.pdf	http://ijcrr.com/uploads/2560_pdf.pdf	SCI indexed/UGC listed

Effect of chromium doping on structural, optical and photocatalytic properties of ZnO nanoparticles	Ms. S. Kalpana, S.Sampath Krishnan	Applied Physics	Opto Electronics and Advanced Materials-Rapid Communications,Vol.12, No.5-6, pp.353 – 359, 2018.	2018-19	On-line: ISSN 2065-3824	https://www.researchgate.net/publication/326413038_Effect_of_chromium_doping_on_structural_optical_and_photocatalytic_properties_of_ZnO_nanoparticles	https://oam-rc.inoe.ro/articles/effect-of-chromium-doping-on-structural-optical-and-photocatalytic-properties-of-zno-nanoparticles/fulltext	Scopus
A Comparative Study on Micro Hardness and wear of Uncoated and Coated End Milling Inserts	J.Venkatesan	AUT	International Journal of Mechanical and Production Engineering Research and Development	2018-19	2249-6890	https://ncmconferences.com/international-journal-of-mechanical-and-production-engineering-research-and-development/	http://www.tjprc.org/conference-archives.php?year=&cid=&tid=&jname=67_2&e_type=International%20Conference&page=15	Scopus
Optimization of End Milling Process Using Taguchi Based Regression Modeling	J.Venkatesan	AUT	International Journal of Scientific Research and Review	2018-19	2279-543X	http://www.dynamicpublisher.org/	http://www.dynamicpublisher.org/gallery/ijsrr-d167.pdf	Others
Cloud Assisted Auto Lane Recommender System using Object Detection Methodology	J.Venkatesan	AUT	International Journal of Emerging Trends and Advanced Engineering	2018-19	2250-2459	https://www.ijetae.com/	https://ijetae.com/files/Volume9Issue5/IJETAE_0519_24.pdf	Others
Engine modifications for single cylinder four stroke diesel engine using jatropha methyl esters	S.Premnath	AUT	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2018-19	ISSN(P): 2249-6890; ISSN(E): 2249-8001	https://ncmconferences.com/international-journal-of-mechanical-and-production-engineering-research-and-development/	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=&keyword=premnath&from_date=&to_date=&journal=	Scopus Indexed
Investigation of energy availability for vapour absorption refrigeration system from engine exhaust	A.Balasubramanian	AUT	Int. J. Heavy Vehicle Systems	2018-19	1744-232X	https://www.inderscience.com/jhome.php?jcode=ijhvs	https://www.inderscience.com/info/inarticle.php?artid=94833	UGC

Comparison of combustion characteristics of an automotive CRDI engine with conventional HCV engine	K. Paul Durai	AUT	International Journal of Oil, Gas and Coal Technology	2018-19	Print ISSN: 1753-3309 Online ISSN: 1753-3317	https://www.inderscience.com/jhome.php?jcode=ijogct	http://www.inderscience.com/offer.php?id=100224	Scopus
Simulation of load transfer effect during braking in a two wheeler for various load conditions	Ramanjaneyulu Kolla	AUT	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol. 8, Special Issue 8, Aug 2018, 14-19	2018-19	ISSN (P): 2249-6890; ISSN (E): 2249-8001	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=Ramanjaneyulu+Kolla&from_date=&to_date=&i	Scopus Indexed
Assessment of factors influencing the concentration of betacyanin from Opuntia ficus-indica using forward osmosis	Ms. Rathna R, Prof. Nakkeeran E	Biotechnology	Journal of Food Science and Technology	2018-19	0022-1155 / 0975-8402	https://mjl.clarivate.com:/search-results?issn=0022-1155&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://link.springer.com/article/10.1007/s13197-018-3149-3	Scopus/Web of Science
Recent developments and prospects of dioxins and furans remediation	Ms. Rathna R, Dr. Varjani S, Prof. Nakkeeran E	Biotechnology	Journal of Environmental Management	2018-19	0301-4797 / 1095-8630	https://mjl.clarivate.com:/search-results?issn=0301-4797&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.sciencedirect.com/science/article/pii/S0301479718307473	Scopus/Web of Science
Purification of anthocyanins from red cabbage using semi-interpenetrating network hydrogel beads in a packed bed column	Mr. Shankaranarayanan B, Prof. Nakkeeran E	Biotechnology	Separation Science and Technology	2018-19	0149-6395 / 1520-5754	https://mjl.clarivate.com:/search-results?issn=0149-6395&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=se	https://www.tandfonline.com/doi/abs/10.1080/01496395.2018.1520728	Scopus/Web of Science
Anti-Diabetic Effect Of Polyphenols Of Tamarind Seed Coat Extracts And Its Experimental Analysis On Streptozotocin Induced Diabetic Mice	Dr. S. Prabhu	Biotechnology	Global Journal of Bioscience and Biotechnology	2018-19	1314-6238 / 1314-6246	https://rootindexing.com/journal/global-journal-of-bio-science-and-biotechnology--2/	http://www.scienceandnature.org/GJBB/GJBB_Vol7(4)2018/GJBB-V7(4)2018-4.pdf	Scopus/Web of Science

Performance of High Molecular Weight Osmotic Solution for Opuntia Betacyanin Concentration by Forward Osmosis	Ms. Rathna R, Prof. Nakkeeran E	Biotechnology	Current Biotechnology	2018-19	2211-5501	https://www.scopus.com/sourceid/21100873121	https://www.eurekaselect.com/node/176170/article/performance-of-high-molecular-weight-osmotic-solution-for-opuntia-betacyanin-concentration-by-forward-osmosis	Scopus/Web of Science
Enhancement of biofuel production by microalgae using cement flue gas as substrate	Dr. A. Senthil Nagappan	Biotechnology	Environmental Science and Pollution Research	2018-19	0944-1344 / 1614-7499	https://mjl.clarivate.com:/search-results?issn=0944-1344&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://pubmed.ncbi.nlm.nih.gov/31512119/	Scopus/Web of Science
Metabolomics integrated with transcriptomics and proteomics: Evaluation of systems reaction to nitrogen deficiency stress in microalgae	Dr. A. Senthil Nagappan, Mr. J. Hariharan	Biotechnology	Process Biochemistry	2018-19	1359-5113 / 1873-3298	https://mjl.clarivate.com:/search-results?issn=1359-5113&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.sciencedirect.com/science/article/abs/pii/S135951131931219X	Scopus/ Web of Science
STUDIES ON THE INFLUENCE OF VARIOUS METABOLIC UNCOUPLERS ON THE BIODEGRADATION RATE OF TOLUENE IN A BIOFILM BIO-FILTER REACTOR	D.Swaminathan	Chemical Engineering	Iranian Journal of Chemistry and Chemical Engineering	2018-19	1021-9986	https://www.ijcce.ac.ir/?__cf_chl_managed_tk__=pmd_SbaVpYpUtcQDoH38HH5UDpXf8RPWs0w9ZiWyDj.Dpo4-1631629881-0-gqNtZGzNAqWjcnBszR	https://www.ijcce.ac.ir/article_43271.html	Scopus
DYNAMIC SIMULATION OF HEAT TRANSFER THROUGH COOLING TOWER USING MATLAB SIMULINK	N Meyyappan, S Rajasekar	Chemical Engineering	American International Journal of Research in Science, Technology, Engineering and Mathematics	2018-19	2328-3580	https://portal.issn.org/resource/ISSN/2328-3580	https://www.scribd.com/document/400541893/Dynamic-Simulation-of-Heat-Transfer-through-Cooling-Tower-1-docx	others
Sequence Statistical Code Based Data Compression Model Using Genetic Algorithm for Wireless Sensor Networks	S. Jancy, C. Jayakumar	CSE	Journal of Engineering and Applied Sciences, Vol 14, Issue 3	2018-19	**1816-949X**	https://medwelljournals.com/journalhome.php?jid=1816-949x	https://medwelljournals.com/abstract/?doi=jeasci.2019.831.836	Scopus

Intelligent Optimization Techniques based Multimodal Image Fusion for Brain Tumor Detection	SL Jany Shabu, C. Jayakumar	CSE	Research Journal of Pharmaceutical, Biological and Chemical Sciences	2018-19	9758595	https://www.rjpbcs.com/	https://drive.google.com/file/d/1AvrB8Xq1uLFxgjHGSps7317LeYIeUYGS/view?usp=sharing	Scopus
Intelligent security algorithm for UNICODE data privacy and security in IoT	Balajee Maram, J. M. Gnanasekar, Gunasekaran Manogaran, M. Balaananad	CSE	Service Oriented Computing and Applications	2018-19	1863-2394	https://www.springer.com/journal/11761	https://link.springer.com/article/10.1007/s11761-018-0249-x	Scopus
Low volume brain tumor extraction	Shabu, S.L.J., Jayakumar, C., Christy, A., Naveena, P., Sri, G.K	CSE	Journal of Computational and Theoretical Nanoscience	2018-19	1546-1955	http://www.aspbs.com/ctn.html	https://www.ingentaconnect.com/contentone/asp/jctn/2019/00000016/00000008/art00028	Scopus
Cloud Assisted Auto Lane Recommender System using Object Detection Methodology	J. Venkatesan, R Anitha, E. Sakthivel	CSE	International Journal of Emerging Trends and Advanced Engineering	2018-19	2250 – 2459	https://ijetae.com/	https://ijetae.com/Volume9Issue5.html	Others
Secure Access Control Method in Cloud Environment using Improved Attribute based Encryption Technique	S. U. Muthunagai, R Anitha	CSE	International Journal of Engineering and Advanced Technology	2018-19	2249 – 8958	https://www.ijeat.org/	https://www.ijeat.org/wp-content/uploads/papers/v8i5/E7082068519.pdf	Scopus
Routing for Power Controlled and Mobility Constriant Ad Hoc Networks	R. Rajyashree, N.M. Balamurugan	CSE	Journal of Recent Technology and Engineering (IJRTE)	2018-19	2277-3878	https://www.ijert.org/	https://www.ijert.org/mobility-management-in-power-controlled-and-rate-adaptive-ad-hoc-networks	Scopus

Case study on Consumer Preference Using Perceptual Mapping	B Devika Chowdary, Hemanth Ramya N, D. Sasikala	CSE	Journal of Applied Science and Computations, Vol IV, Issue IV, pp. 43-49	2018-19	1076-5131	http://www.j-asc.com/APRIL-MAY-ISSUE-2019/	https://app.box.com/s/lefawpq5yc2suz8a5swthmh2j6mgn87j	Scopus
Trust based authentication technique for cluster based vehicular ad hoc networks (VANET)	R. Sugumar, A. Rengarajan and C.Jayakumar	CSE	Journal of Wireless Networks	2018-19	1572-8196	https://www.springer.com/journal/11276	https://link.springer.com/article/10.1007/s11276-016-1336-6	SCI
Inclusive Elliptical Curve Cryptography (IECC) for Wireless Sensor Network Efficient Operations	L. Sujihelen, C. Jayakumar	CSE	Wireless Personal Communications	2018-19	1572-834X	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-017-5157-4#:~:text=The%20LHSFW%20result%20proved%20that,i.e.%20replication%20attack%20in%20WSN.&text=Henc	SCI
Effect and Analysis of ADHD on the Social Skills of School Age Children using FMRI	V. Vedha Shree, A. Rohini, R. Anitha	CSE	International Journal of Research in Engineering & Advanced Technology	2018-19	2320 – 8791	http://www.ijreat.org/	https://drive.google.com/drive/folders/1EUnRVUgpkJQbvznawli8j3oKMrEq2LU7	Others
Novel Efficient Redundancy Free Data Communication Model for Intelligent Surveillance System in WSN	M. Adimoolam, M. Sugumara, R.S. Rajesh	CSE	Journal of Advanced Research in Dynamical & Control Systems	2018-19	1943-023X	https://www.jardcs.org/	https://www.jardcs.org/backissues/abstract.php?archiveid=3462	Scopus
Efficient encryption algorithm for video data storage	M. Adimoolam, M. Sugumara, R.S. Rajesh	CSE	International Journal of Information and Computing Science	2018-19	0972-1347	http://ijics.com	http://ijics.com/gallery/8-oct-780.pdf	Others

A study of Vehicular AD-HOC Network Simulators	Ms.J.M.Kavitha, Mr.T.Rajasekaran	CSE	Journal of Advanced Research in Dynamical & Control Systems	2018-19	1943-023X	https://www.jardcs.org/index.php	https://www.jardcs.org/backissues/abstract.php?archiveid=6223	Scopus
Pivot variable location-based clustering algorithm for reducing dead nodes in wireless sensor networks	S. Jancy, C. Jayakumar	CSE	Neural Computing and Applications	2018-19	1433-3058	https://www.springer.com/journal/521	https://link.springer.com/article/10.1007/s00521-018-3526-x	SCI
SEC approach for detecting node replication attack in static wireless sensor network	L. Sujihelen, C.Jayakumar And C.Senthilsingh	CSE	Journal of Electrical Engineering & Technology	2018-19	1975-0102	https://www.springer.com/journal/42835	http://doi.org/10.5370/JEET.2018.13.6.2447	Scopus
Distributed Clone Attack Detection Algorithm using Mobility Energy Prediction in Mobile Wireless Sensor Networks	M. Jeyaselvi, C. Jayakumar	CSE	Sensor Letters	2018-19	1546-1971	http://www.aspbs.com/sensorlett.html	https://www.ingentaconnect.com/content/asp/senlet/2018/00000016/00000012/art00011	Scopus
Social welfare maximization with thyristor-controlled series compensator using grey wolf optimization algorithm	Saswati Behera and Nalin kant	EEE	International Journal of Electrical Engineering Education	2018-19	0020-7209	https://journals.sagepub.com/home/ije	https://journals.sagepub.com/doi/abs/10.1177/0020720918822754	SCI indexed/UGC listed
Congestion management, using thyristor controlled series compensator employing Improved Grey Wolf Optimization technique	Saswati Behera and Nalin kant	EEE	International Journal of Electrical Engineering Education	2018-19	0020-7209	https://journals.sagepub.com/home/ije	https://journals.sagepub.com/doi/abs/10.1177/0020720918822730	SCI indexed/UGC listed

Performance Evaluation of DC-DC Buck converter by using PID, Posicast and LQR Controllers	Thamizmani. S	EEE	International Journal of Management Technology and Engineering	2018-19	249-7455	http://www.ijamtes.org/	https://app.box.com/s/q0v5uok6gmmvneb47swkliprl801tkbv	Others
A Pathway to Explore the Hidden Specialty in the Design of Fifteen Level Inverter in Grid Connected PV System	C.Gopinath M.Rajvikram	EEE	Computer Modeling in Engineering & Sciences, 2018.	2018-19	1526-1492	https://www.techscience.com/	https://www.techscience.com/CMES/v115n3/33277	Scopus/SCI
Multiobjective design optimization and analysis of magnetic flux distribution for slotless permanent magnet brushless DC motor using evolutionary algorithms	Kamal C Thyagarajan T, Kalpana D and Pragadheeshwaran T	EEE	Journal of Magnetism and Magnetic Materials, 2019	2018-19	0304-8853	https://www.sciencedirect.com/journal/journal-of-magnetism-and-magnetic-materials	https://www.sciencedirect.com/science/article/abs/pii/S0304885318314495	Scopus
A method to attain power optimality and efficiency in solar panel	Rajvikram.M Leoponraj.S	EEE	Elsevier,Journal of basic and applied sciences 2018	2018-19	2314-8535	https://www.sciencedirect.com/journal/beni-suef-university-journal-of-basic-and-applied-sciences	https://reader.elsevier.com/reader/sd/pii/S2314853518303639?token=630D48A428E97B1428EF341040BF96A28ED17B00061088CA768621631EF0DE3E676D0154249BA0873A6A562371DE71EF	Scopus
The Motivation for Renewable energy and its comparison with other energy sources: A Review	Rajvikram.M	EEE	European Journal of Sustainable Development Research, 2018	2018-19	2542-4742	https://www.ejosdr.com/	https://www.ejosdr.com/download/the-motivation-for-renewable-energy-and-its-comparison-with-other-energy-sources-a-review-4005.pdf	others
Solutions for voltage sag in a doubly fed induction generator based wind turbine.	Rajvikram.M	EEE	Journal of Central Power Research Institute	2018-19	0973-0338	http://cprijournal.in/index.php/prj/index	http://cprijournal.in/index.php/prj/article/view/142187	Others

A novel methodology of IoT implementation in energy management	Rajvikram.M Gopinath.C, Leoponraj.S, Ram Kumar.S	EEE	Journal of Central Power Research Institute	2018-19	0973-0338	http://cprijournal.in/index.php/prj/index	http://cprijournal.in/index.php/prj/article/view/142189	Others
A new multi-level inverter with reduced number of switches based on modified H-bridge	T.Annamalai, Dr.K.Udhayakumar	EEE	International national of power Electronics, 2019	2018-19	1756-6398	https://www.inderscience.com/jhome.php?jcode=ijpelec	https://www.inderscience.com/info/inarticle.php?artid=96810	Scopus
An Enhanced H-Bridge Multilevel Inverter with Reduced THD, Conduction, and Switching Losses Using Sinusoidal Tracking Algorithm	T.Annamalai, Dr.K.Udhayakumar	EEE	Energies	2018-19	1996-1073	https://www.mdpi.com/journal/energies	https://www.mdpi.com/1996-1073/12/1/81/pdf	Scopus/SCI
Detection of High Impedance Fault in Distribution Networks	KavaskarSekar andNalin Kant Mohanty	EEE	Elsevier, Ain Shams Engineering Journal-In press.	2018-19	2090-4479	https://www.sciencedirect.com/journal/ain-shams-engineering-journal	https://reader.elsevier.com/reader/sd/pii/S209044791830087X?token=8C9A1FCDD6418AE3E78AA20691C248EAB9A909FFF79850DE0E187DC948D7B517CC6B960DD12948897A87ECED083C706A	Scopus
Data mining-based high impedance fault detection using mathematical morphology”	KavaskarSekar and Nalin Kant Mohanty	EEE	Elsevier, Computers and Electrical Engineering 2018.	2018-19	0045-7906	https://www.sciencedirect.com/journal/computers-and-electrical-engineering	https://iranarze.ir/wp-content/uploads/2018/07/E8292-IranArze.pdf	Scopus
Social welfare maximization with thyristor-controlled series compensator using grey wolf optimization algorithm	SaraswatiBehera and Nalinkant Mohanty	EEE	International Journal of Electrical Engineering Education	2018-19	2050-4578	https://journals.sagepub.com/home/ije	https://journals.sagepub.com/doi/abs/10.1177/0020720918822754	Scopus/SCI

Congestion management, using thyristor controlled series compensator employing Improved Grey Wolf Optimization technique	SaraswatiBehera and Nalinkant Mohanty	EEE	International Journal of Electrical Engineering Education	2018-19	2050-4578	https://journals.sagepub.com/home/ije	https://journals.sagepub.com/doi/10.1177/0020720918822730	Scopus/SCI
Electromagnetic and Thermal analysis of synchronous generator with different rotor structures for aircraft application	Dr.KR.Santha, Deepak Arumugam and PremalathaLogamani	EEE	Alexandria Engineering Journal	2018-19	2090-2670	https://www.journals.elsevier.com/alexandria-engineering-journal	https://www.sciencedirect.com/science/article/pii/S1110016817301114	Scopus
Design of an Adaptive Gain Variation sliding Mode Control Algorithm for Extended Non-Singular Terminal Sliding Mode Observer based Sensorless PMSM Drive	Dr.KR.Santha and Ganapathy Ram	EEE	International Journal of Applied Engineering Research2019.	2018-19	0973-4562	https://www.ripublication.com/ijaer.htm	https://www.ripublication.com/ijaer19/ijaerv14n1_09.pdf	Scopus
Electromagnetic & Thermal Analysis of Synchronous generator with different rotor structures for aircraft applications	Deepak Arumugam Premalatha Logamani, KR.Santha	EEE	Alexandria Engineering Journal	2018-19	2090-2670	https://www.journals.elsevier.com/alexandria-engineering-journal	https://www.sciencedirect.com/science/article/pii/S1110016817301114	Scopus
IoT Based Remote Plethysmographic Imaging with Thermal Reading	Dr.S.Muthukumar	ECE	International Journal of Advanced Research Trends in Engineering and Technology	2018-19	ISSN :2394-3777	https://ijartet.com/	https://ijartet.com/v5s11april2018srivenkateswaraece	Others
Human Gesture Recognition for IOT based Applications	Dr.S.Muthukumar	ECE	International Journal of Advanced Research Trends in Engineering and Technology	2018-19	ISSN :2394-3777	https://ijartet.com/	https://ijartet.com/v5s11april2018srivenkateswaraece	Others

Intelligent Debris Management System	Dr.S.Muthukumar	ECE	International Journal of Advanced Research Trends in Engineering and Technology	2018-19	ISSN :2394-3777	https://ijartet.com/	https://ijartet.com/v5s11april2018srivenkateswaraece	Others
A Personalized E-Learning System using Reinforcement Learning Technique	Dr.G.A.Sathish Kumar	ECE	International Journal of Pure and Applied Mathematics,	2018-19	ISSN: 4803-4813	https://ijpam.eu/	https://acadpubl.eu/jsi/2018-118-18/articles/18e/74.pdf	Scopus (upto 2021) UGC approved Journal no : 23425
Design of Fast Dadda Multiplier using vedic mathematics	Dr.G.A.Sathish Kumar	ECE	International Journal of Advanced Research Trends in Engineering and Technology	2018-19	ISSN :2394-3777	https://ijartet.com/	https://ijartet.com/v5s11april2018srivenkateswaraece	others
An Intelligent and Real Time System for Automatic Driven Toll Gate System under Complex Scenes	Dr.R.Gayathri	ECE	International Journal of Computational Intelligence Research	2018-19	ISSN 0973-1873	http://www.ripublication.com	http://www.ripublication.com/Volume/ijcirv14n1.htm	others
Human Computer Interface Using Head Movements and Eye Blinks	Ms. Jeyaprabha T.J	ECE	International Journal of Advanced Research Trends in Engineering and Technology	2018-19	ISSN :2394-3777	https://ijartet.com/	https://ijartet.com/v5s11april2018srivenkateswaraece	others
Smart Irrigation using Sensor Network	K S Subhashini	ECE	International Journal of Advanced Research Trends in Engineering and Technology	2018-19	ISSN :2394-3777	https://ijartet.com/	https://ijartet.com/v5s11april2018srivenkateswaraece	others

Electronic Toll Implementation with an Application Development	Ms. S.Kalyani	ECE	International Journal of Advanced Research Trends in Engineering and Technology	2018-19	ISSN :2394-3777	https://ijartet.com/	https://ijartet.com/v5s11april2018srivenkateswaraece	others
Design and Verification of High Performance VLSI Architecture for Reconfigurable FIR Filter Using Pipelined Distributed Arithmetic	Ms.R.Kousalya	ECE	International Journal of Advanced Research Trends in Engineering and Technology	2018-19	ISSN :2394-3777	https://ijartet.com/	https://ijartet.com/v5s11april2018srivenkateswaraece	others
Automatic Vision System of a Bead Checker Machine Implemented using PLC	Ms. M.Anushya	ECE	International Journal of Advanced Research Trends in Engineering and Technology	2018-19	ISSN :2394-3777	https://ijartet.com/	https://ijartet.com/v5s11april2018srivenkateswaraece	others
Implementation of Intelligent Traffic Light Scheduling Algorithm Through Object Detection	S.M. Mehzabeen	ECE	International Journal of Advanced Research Trends in Engineering and Technology	2018-19	ISSN :2394-3777	https://ijartet.com/	https://ijartet.com/v5s11april2018srivenkateswaraece	others
Real Time Monitoring and Contamination Detection in Drinking Water Distribution Systems	A.Bharathipriya	ECE	International Journal of Advanced Research Trends in Engineering and Technology	2018-19	ISSN :2394-3777	https://ijartet.com/	https://ijartet.com/v5s11april2018srivenkateswaraece	others
Design and analysis of full mode SIW bandpass filter for 5g applications	Dr.Umma Habiba.H, Banu priya.A	ECE	International Journal of Creative Research Thoughts,Vol.6, Iss.2,Pp 560-563,, April 2018.Impact factor:5.97	2018-19	ISSN: 2320-2882	https://ijcrt.org/	https://ijcrt.org/papers/IJCRT_189723.pdf	others

Compact UWB rectenna based RF energy harvesterfor future IOT	Dr.Umma Habiba.H, S.Revathy, G.Ponmalar	ECE	International Journal of Creative Research Thoughts,Vol.6, Iss.2,Pp 560-563, , April 2018. Impact factor:5.97	2018-19	ISSN: 2320-2883	https://ijcrt.org/	https://ijcrt.org/archive.php?vol=6&issue=2&page=3	others
Compact bandpass filter with reconfigurable X-band using stepped impedance resonator and folded structure	Mr.M.H.Masood,	ECE	The journal of Engineering; Vol 2018, Iss.3, pp162-165, doi:10.1049/joe.2017.0796, Impact factor:0.33	2018-19	ISSN: 2051-3305	https://ietresearch.onlinelibrary.wiley.com/journal/20513305	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/joe.2017.0796	others
Compact Halfmode SIW Bandpass Filter For Super Wideband Application	Dr.Umma Habiba.H, R.Sandhya	ECE	International Journal of Advanced Research in Computer Science, Volume 9, No. 3, May-June 2018. Impact factor:3.727	2018-19	ISSN: 2320-2882	http://www.ijarcs.info/index.php/Ijarcs	http://www.ijarcs.info/index.php/Ijarcs/article/view/6101	others
FIR Filter Design Using Floating Point Radix 4 Algorithm	Dr.G.A.Sathish kumar; Jency Rubia	ECE	International Journal of Electrical Engineering Education	2018-19	ISSN: 0020-7209 Online ISSN: 2050-4578	https://journals.sagepub.com/home/ije	https://journals.sagepub.com/doi/abs/10.1177/0020720919891064	Scopus
Design of Conformal Antenna	Dr.P.Jothilakshmi, N.V.Laxmi Narayen, G.Lokeshwaran, K.S.Murugan	ECE	i-manager's Journal on Electronics Engineering (JELE), vol.9, issue4, pp.25-31 ISSN Print: 2229-7286, ISSN Online: 2249-0760	2018-19	ISSN 2249-0760	https://imanagerpublications.com/journalsfulldetails/5/JournalonElectronicsEngineering	https://imanagerpublications.com/article/16241//JournalonElectronicsEngineering	Others
Advances in Scene Classification of Remotely Sensed High Resolution Images and the Existing Datasets	Akila G, Gayathri R	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10	2018-19	ISSN: 2278-3075	https://www.ijitee.org/	https://www.scribd.com/document/456052317/Advances-in-scene-classification-of-remotely-sensed-high-resolutin-image-and-the-existing-datasets-pdf	Scopus (till 2018)

Experimental analysis in drilling of AA 5052 using copper nanofluids under minimum quantity lubrication	N.Muthukrishnan M. Nareshbabu	Mechanical Engineering	Australian journal of Mechanical Engineering DOI: 10.1080/14484846.2018.1455267	2018-19	1448-4846	https://www.tandfonline.com/action/journalInformation?journalCode=tmec20	https://www.tandfonline.com/doi/abs/10.1080/14484846.2018.1455267	Scopus
Experimental process to evaluate the minimum quantity lubrication technique using copper nanofluids in turning process	N.Muthukrishnan M. Nareshbabu V.Anandan M.Gajendran	Mechanical Engineering	International journal of Machining and machinability of materials Vol:20, No:6, 2018	2018-19	1748-5711	https://www.inderscienceonline.com/loi/ijmmm	https://www.inderscienceonline.com/doi/abs/10.1504/IJMMM.2018.096377	Scopus
Modelling and analysis of energy conservation in turning of lead free micro alloyed steel using D-optimal design	N.Muthukrishnan S.Muniraj	Mechanical Engineering	International journal- Progress in Industrial Ecology Vol:11, No:3, 2017	2018-19	1476-8917	https://www.inderscienceonline.com/loi/pie	https://www.inderscienceonline.com/doi/10.1504/PIE.2017.091297	SCopus
Copper nano fluids under minimum quantity lubrication during drilling of AISI 4140 STEEL	N.Muthukrishnan M. Nareshbabu Santhanakumarmuthuvel	Mechanical Engineering	Australian journal of Mechanical Engineering DOI: 10.1080/14484846.2018.1486694	2018-19	1448-4846	https://www.tandfonline.com/toc/tmec20/current	https://www.tandfonline.com/doi/abs/10.1080/14484846.2018.1486694	Scopus
Experimental investigation of copper nanofluid based minimum quantity lubrication in turning of H 11 steel	N.Muthukrishnan M. Nareshbabu Santhanakumar K.Ganesan	Mechanical Engineering	Journal of the Brazilian society of Mechanical sciences and Engineering DOI: 10.1007/s40430-018-1093-9 Impact factor – 1.627	2018-19	1806-3691	https://www.springer.com/journal/40430	https://link.springer.com/article/10.1007/s40430-018-1093-9	Scopus
Measure of Utilisation of Government Schemes & Support by Small and Medium Enterprises (SME): Service Providers Perspective'	Gopinath S, Balan SK, Ramanathan, M &Narashiman K,	Mechanical Engineering	Applied Mechanics and Materials, vol. 867, pp. 283-289,2017 ISSN:1662- 7482, SJR Index:0.11,	2018-19	1662-7482	https://www.scientific.net/AMM	https://www.scientific.net/AMM.867.283	Scopus coverage years:from 2005 to 2015

Human Resource Risk Management in Small and Medium Enterprises	Gopinath, S, Vikram, H ,Vaidya, GR &Narashiman, K	Mechanical Engineering	World Applied Sciences Journal,vol.35,no.5,pp 718-722, 2017,	2018-19	1818-4952	https://www.idosi.org/wasj/online.htm	https://www.idosi.org/wasj/wasj35(5)2017.htm	Scopus coverage years:from 2011 to 2016
An Empirical Study of Operations Risk Management in Small and Medium Enterprises in India	Gopinath, S, Sanjay Ram, S &Narashiman,	Mechanical Engineering	Middle-East Journal of Scientific Research, vol. 25, no.5, pp. 960-965, 2017,.ISSN 1990-9233, SJR Index: 0.160	2018-19	1990-9233	https://www.idosi.org/mejsr/mejsr.htm	https://www.idosi.org/mejsr/mejsr25(5)17.htm	Others
Framework of Conceptual Model for Quality Management in Small and Medium Enterprises (SME)',	Gopinath, S, Sundaram, AVR, Sheshathri, R &Narashiman, K.	Mechanical Engineering	International Journal of Enterprise Network Management, vol.9,no.2,pp 143-155, ISSN:17481260, SJR Index:0.118	2018-19	17481260	https://www.inderscienceonline.com/loi/ijenm	https://www.inderscienceonline.com/doi/abs/10.1504/IJENM.2018.093709	Scopus
Need for total EED for total productive maintenance in SME AND Barriers in implementing TPM in SME	Nishal M, Ramprasad K, Arun Theja A J, Ajayy S , Saravanan S and Abhishek S	Mechanical Engineering	International Journal of Mechanical and Production Engineering, ISSN(p): 2320-2092, ISSN(e): 2321-2071	2018-19	2321-2071	http://ijmpe.iraj.in/aboutus.php	http://ijmpe.iraj.in/paper_detail.php?paper_id=12547&name=Need_for_Total_Productive_Maintenance_in_SME_and_Barriers_in_Implementing_TPM_in_SME	Scopus coverage years:from 2016 to 2020
Improving efficiency of Wheel cylinder assembly unit Value stream Mapping (VSM)- A Case Study	Nishal M Ramprasad K Arunram S P Adithya M	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN (P): 2249-6890; ISSN (E): 2249-8001 Vol. 8, No.8, pp.45-51, 2018	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
Optimization of LASER Texturing Process Parameters to Maximize the ultimate tensile strength of LASER Textured AZ31B Magnesium Alloy made by cold metal transfer welding using response surface Methodology	Gurusamy V Pitchandi K, Muthukrishnan N	Mechanical Engineering	Journal of the Balkan Tribological Association Vol. 25, No 1, pp.83–98 , 2019	2018-19	1310-4772	https://scibulcom.net/en/journal/1310-4772	https://scibulcom.net/en/article/XmbqtRaH3DYoJbuTurVH	Scopus

Effect of Dimple Geometry and Wear Performance of DLC Coating on uni-directional sliding contact conditions	Govindaraj K and Prem Ananth M	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development ISSN (P): 2249-6890; ISSN (E): 2249-8001 Vol. 8, No.8, Aug 2018, pp.420-4252	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
Tribological Analysis of Coated Aluminum Alloy Substrate with surface Texturing	Senthil Kumar A, Sathya Sai Prasath. R. N, Sandeep Raghavan T, M. Prem Ananath	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development ISSN (P): 2249-6890; ISSN (E): 2249-8001 Vol. 8, No.8, Aug 2018, pp.120-127	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
Effect of specific surface area of MWCNTS on surface roughness and delamination in drilling Epoxy/Glass Fabric Composite	Ponnuvel S and Prem Anaanth M	Mechanical Engineering	Materials Research Express 5 (2018) 035310 https://doi.org/10.1088/2053-1591/aab647 II Impact Factor :1.151	2018-19	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/aab647	Scopus
A study on machinability evaluation of Al-Gr-B4C MMC using response surface methodology-based desirability analysis and artificial neural network technique	Ponnuval , S and Senthilkumar N	Mechanical Engineering	International Journal of Rapid Manufacturing, Vol. 8, Nos. 1/2, 2019 DOI: 10.1504/IJRAPIDM.2019.097030	2018-19	1757-8817	https://www.inderscienceonline.com/loi/ijrapidm	https://www.inderscienceonline.com/doi/abs/10.1504/IJRAPIDM.2019.097030	Scopus
1-Hexanol as a sustainable biofuel in DI diesel engines and its effect on combustion and emissions under the influence of injection timing and exhaust gas recirculation (EGR)	S.Saravanan B. Rajesh Kumar Melvin Victor De Poures, Sathiyagnanam A P and Rana D	Mechanical Engineering	Applied Thermal Engineering 113 :pp.1505–1513 Impact factor :3.771	2018-19	1359-4311	https://www.sciencedirect.com/journal/applied-thermal-engineering	https://www.sciencedirect.com/science/article/abs/pii/S1359431116335700	Web of Science
Effective utilization of waste plastic oil in a direct injection diesel engine using high carbon alcohols as oxygenated additives for cleaner emissions	S.Saravanan S Rajesh Kumar B Damodharan D, Sathiyagnanam A P , Rana D Sethuramasamyraj B	Mechanical Engineering	Energy Conversion and Management 166:pp.81–97 Impact Factor: 5.589	2018-19	0196-8904	https://www.sciencedirect.com/journal/energy-conversion-and-management	https://www.sciencedirect.com/science/article/abs/pii/S0196890418303352	Web of Science

Utilization of waste cooking oil in a light-duty DI diesel engine for cleaner emissions using bio-derived propanol	Saravanan S Rajesh Kumar B Dhanasekaran, R and Ganesan S	Mechanical Engineering	Fuel 235: pp.832–837 Impact Factor :4.601	2018-19	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236118314637	Web of Science
Experimental Investigatonson Of PPCI Engine Fuelled With Diesel And Butanol Blends	Saravanan S Kaliyanasunder R, SujaiPandian S P	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research andDevelopment Vol. 8,(8):pp.33-37	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
Using renewable n-octanol in a non-road diesel engine with some modifications	Saravanan S Rajesh Kumar B Melvin Victor De Poures, Sathiyagnanam A.P., RanaDipak Balaji Sethuramasamyraja Damodharan D	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects 41:pp.1194–1208 Impact factor :0.555	2018-19	1556-7036 / 1556-7230	https://www.tandfonline.com/toc/ueso20/current	https://www.tandfonline.com/doi/abs/10.1080/15567036.2018.1544997?journalCode=ueso20	Web of Science
Study of Spray Breakup Regimes of Preheated Biodiesel Fuel	P.Raghu, A.J ArunTheja, G. Ashwin Raj, T.G AdithyaArvind	Mechanical Engineering	International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE)Vol 3, Issue 2,pp.150-154, Impact Factor 3.8	2018-19	2456-1290	https://ijermce.com/	https://www.technoarete.org/common_abstract/pdf/IJERMCE/v5/i2/Ext_74952.pdf	Others
Numerical Simulation for Spray Characteristics of Diesel and Biodiesel fuel	M.Dyanesh, NishanthPaul.V, GirishEthiraj, P Raghu	Mechanical Engineering	International Research Journal of Engineering and Technology Volume: 05 Issue: 03, pp.2812-2815, Impact Factor 6.171	2018-19	23950056	https://www.irjet.net/indexing	https://www.irjet.net/volume5-issue3	Scopus coverage years:from 2019 to 2020
Spray Characteristics of Diesel Fuel Using Numerical Simulation,	P. Vengatesh, P. Raghu, N. Nallusamy,	Mechanical Engineering	International Research Journal of Engineering and Technology, Vol.5, No.4, pp.2812-2815.	2018-19	23950056	https://www.irjet.net/indexing	https://www.irjet.net/volume5-issue3	Scopus coverage years:from 2019 to 2020

Optimization Of Fuel In Diesel Engines,	N.SankaraManikandan, P V Lakshman, Ramesh Rajesh,andP Raghu	Mechanical Engineering	International Journal Of Science And Innovative Engineering &Technology, Vol.1, May 2018.	2018-19	NA	https://www.ijsiet.org/	https://www.ijsiet.org/issue2018vol1.html	Others
Heat Transfer investigation on a single Cylinder Diesel Engine using Diesel and Biodiesel	Raghu P, Sundarrajan R, Rajaaraman R M. Ramaswamy M and Sathyanarayanan S	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development ISSN (P): 2249-6890; ISSN (E): 2249-8001 Vol. 8 No. 8, pp.120-127, Aug 2018	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
The Design and Fabrication of Crushing Machine using Double Toggle Mechanism	Antony V, Immanuel Akash, Ganesh raj M,Kumaresh V, Bharath Kumar S and Raghu P	Mechanical Engineering	International Journal of Industrial Engineering and Technology ISSN (P): 2277-4769 ISSN (E): 2278-9456 Vol. 8, No.2,pp.7-12, Dec 2018	2018-19	2277-4769	http://www.tjprc.org/journals/international-journal-of-industrial-engineering-technology29	http://www.tjprc.org/view_paper.php?id=10742	Others
Optimization of spray characteristics using multi Response signal to noise ratio in high pressureChamber	Arumugam S, ArunTheja A J , Dyanesh MAbishek S and Nisanth Paul V	Mechanical Engineering	International Journal of Mechanical and Production Engineering, ISSN 2321-2071, Vol.6, No.7, pp 45-50, July 2018.	2018-19	2249-8001	http://ijmpe.iraj.in/index.php	http://ijmpe.iraj.in/paper_detail.php?paper_id=12949&name=Optimization_of_Spray_Characteristics_using_Multi_Response_Signal_to_Noise_Ratio_in_High_Pressure_Chamber	Others
Spray analysis in a high pressure chamber with diesel and biodiesel	S.Arumugam, K.PitchandiT.N.S.Varadha chari	Mechanical Engineering	Asian Journal of Science and Technology, ISSN 0976-3376, Vol.9, No.9 pp: 8676-8679, Sep 2018.	2018-19	0976-3376	https://www.journalajst.com/	https://www.journalajst.com/archive/201809	Others
Evaluation of mechanical and vibration behavior of hybrid epoxy carbon composite beam carrying micron-sized CTBN rubber and nanosilica particles	C.Senthamaraikannan and Dr.R.Ramesh	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications https://journals.sagepub.com/doi/abs/10.1177/1464420718784315	2018-19	1464-4207	https://journals.sagepub.com/home/pil	https://doi.org/10.1177/1464420718784315	Web of Science

Study of Tribological behavior of conversion coated high Carbonhigh Chromium Steel	R.Kumutha S.Ilaiyavel	Mechanical Engineering	International Journal of Mechanical and ProductionEngineering Research and Development Vol. 8,No.8,pp.214-220, Aug 2018. Impact Factor : 1.28	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
Study of erosion and corrosion behavior of Alumina and Zirconium coating on Stainless Steel	S Arumugavel S Ilaiyavel	Mechanical Engineering	International Journal of Mechanical and Production-Engineering Research and Development Vol. 8, No.8, pp.214-220,2018	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
Identifying opportunity for improvement for industries using multi-criteria decision making (mcdm) through internet of things (iot),	Karthee. K, chathur vel. R &yeshwant raj. S	Mechanical Engineering	International journal of mechanical and production engineering research and development transstellar, Vol.8, No.8, pp.128-132, 2018	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
A review on rapid prototyping (rpt): recent trends, future & influence of internet of things (iot)/ cloud manufacturing (cm)	Karthee. K, vishalsankar. S &yeshwant raj. S	Mechanical Engineering	International journal of mechanical and production engineering research and development transstellar, Vol.8, No.8, pp.128-132, 2018	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
Increasing the efficiency of regenerative air preheater (raph) through leakage reduction by retrofitting the radial and axial seals	Yeshwant raj. S, karthee. K, arvind. D &ashwin. R	Mechanical Engineering	International journal of mechanical and production engineering research and development transstellar, Vol.8, No.8, pp.128-132, 2018	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
Improvement of overall performance of Micro/Small Industries (MSSI) using Multi-Criteria decision making (MCDM)	Karthee k, Vishal Sankaryeshwant raj. S.	Mechanical Engineering	IOPCON.SER Mat.Sci.Engg..402 012119 pp.1-11, 2018.	2018-19	1757-899X	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/402/1/012119	Scopus

Characterization of aluminium matrix reinforced with tungsten carbide and molybdenum disulphide hybrid composite	Anish A andAnanth Kumar M	Mechanical Engineering	IOP Conf. Series: Materials Science and Engineering 402 (2018) 012006 doi:10.1088/1757-899X/402/1/012006	2018-19	1757-899X	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/402/1/012006/meta	Scopus
Optimization of Parameters on Direct Injection Compression Ignition Engine fuelled with Acacia Nilotica Biodiesel blends	S.Natarajan,V.J.Samnivethan, and Pitchandi K	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development Vol.8,No.8, pp.77-85, Aug. 2018.	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
Impact of Acacia nilotica on Performance Combustion And Emission Characteristics in Compression Ignition Engine	S.Natarajan , Arunram S P, Samnivethan V J and Pitchandi K.	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development Vol. 8, No.8, ,pp.38-44 , 2018.	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
Fracture Strength evaluation of composite lamination using modified WEK Model	Alfred V , Franklin M. ChenthilJegan G B , . Bhaskar Mohandass M and Vasudevan N	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development ISSN (P): 2249-6890; ISSN (E): 2249-8001 Vol. 8, No. 8, pp.345-351, Aug.2018	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
Tribological properties of modified jojoba oil as probable base stoke ofengine lubricant	ThirumalaiKannan K and Ramesh Babu S	Mechanical Engineering	Journal of Mechanical Science and Technology, Vol.32, No.4 pp.1739-1747 , 2018. Impact Factor 0.55	2018-19	1226-4865	https://www.springer.com/journal/12206	https://link.springer.com/article/10.1007/s12206-018-0330-6	Scopus
Mechanical Characterization of cold metal transfer Butt Welded AA 6061-T6 Aluminum Alloy	Ramesh Babu S, Deepak Kumar J K Kavin Kumar K N and Badrinarayanan R	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development ISSN(P): 2249-6890; ISSN(E): 2249-8001 Vol. 8, No.8, pp.144-154, Aug	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020

Effect of Nano particles in modified vegetable oil using response surface methodology	Thirumalai K Kannan S and Ramesh Babu S	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development Vol. 8, No.9, pp.439-444, Dec 2018.	2018-19	2249-6890	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://www.tjprc.org/conference-archives.php?tid=&e_type=International+Conference&jname=67_2&year=2018&keyword=International+Conference+on+Automobile%2C+	Scopus coverage years:from 2016 to 2020
Supply Chain issues in Medium scale Auto component manufacturers: Case Study Approach	Gopinath S, Ramanathan M ArunSankar N and Narasimhan K	Mechanical Engineering	Middle East Journal of Scientific Research, Vol.24, pp. 245-249, 2016.	2018-19	1990-9233	https://www.idosi.org/mejsr/mejsr.htm	https://www.idosi.org/mejsr/mejsr24(S1)16.htm	Scopus coverage years:from 2012 to 2014
Multimodal image fusion and bee colony optimization for Brain Tumor Detection	S.L. Jany Shabu, C Jayakumar	CSE	ARPN Journal of Engineering and Applied Sciences	2018-19	1819-6608	http://www.arpnjournals.org	http://www.arpnjournals.org/jeas/research_papers/rp_2018/jeas_0418_7011.pdf	SCOPUS
Analysis of Thermo-Mechanical Behaviour of Air Compressor in Automotive Braking System	J.Venkatesan	AUT	International Journal of Materials, Mechanics and Manufacturing	2017-18	1793-8198	http://www.ijmmm.org/	http://www.ijmmm.org/index.php?m=content&c=index&a=show&catid=56&id=458	Others
Chemical composition of Clove bud oil and development of Clove bud oil loaded niosomes against three larvae species	Dr. Kalaiselvi A, Mr. Aswin Jeno JG, Dr. Mohana Roopan S, Dr. Madhumitha G, Prof. Nakkeeran E	Biotechnology	International Biodeterioration & Biodegradation	2017-18	0964-8305 / 1879-0208	https://mjl.clarivate.com:/search-results?issn=0964-8305&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.sciencedirect.com/science/article/abs/pii/S0964830518310990	Scopus/Web of Science
In-vitro evaluation of anti-inflammatory and anti-urolithiatic activity of Cichorium intybus leaves extract	Nanditha R., Yamini Swetha N., Lakshminarayanan C. P and Sukumaran Prabhu	Biotechnology	Academia Journal of Medicinal Plants	2017-18	2322-1399 / 2588-3739	https://publons.com/journal/66781/academia-journal-of-medicinal-plants/	https://www.academiapublishing.org/journals/ajmp/pdf/2018/Jun/Nanditha%20et%20al.pdf	Scopus/Web of Science

In vitro studies to determine the effect of Boeravinone B on Human dendritic cells	Praveen Kumar Posa Krishnamoorthy, Sivanandham Muthukumaran	Biotechnology	Pharmacognosy Magazine	2017-18	0973-1296 / 0976-4062	https://mjl.clarivate.com:/search-results?issn=0973-1296&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.phcog.com/article.asp?issn=0973-1296;year=2018;volume=14;issue=56;spage=465;epage=470;aulast=Posa	Scopus/Web of Science
Analysis of a Cascaded Modified Developed H-Bridge multilevel Inverter with an Optimum Structure	T.Annamalai, BalaSubramanian.S, Barath.M.S, Deepak Kumaar. M, DilliBabu.K	EEE	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, 2018.	2017-18	2278 – 8875	http://www.ijareeie.com/	http://www.ijareeie.com/upload/2018/may/9_ANALYSIS.pdf	Scopus
Ka-band compact and high performance SIW bandpass filter based on Defected Ground Structure	Dr.Umma Habiba.H, Banu priya.A	ECE	Journal of Emerging Technologies and Innovative Research, Vol.5,Iss.9,Pp 88-91,, Sept-2018.Impact factor:	2017-18	ISSN-2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR1809419.pdf	others
Design of SIW bandpass filter using DGS-DMS technique for 5G applications	Dr.Umma Habiba.H, Banu priya.A	ECE	Journal of Analog and Digital communications, Vol.4, Iss.3, Pp1-6, 2018. Impact factor:	2017-18	N/A	http://matjournals.com/Journal-of-Analog-and-Digital-Communications.html	http://matjournals.in/index.php/JoADC/article/view/2910	UGC listed journal
Design and analysis of compact SIW Bandpass filter using DGS-DMS technique for satellite applications	Dr.Umma Habiba.H, Banu priya.A	ECE	Journal of Analog and Digital communications, Vol.3, Iss.3, Pp 7-13, 2018	2017-18	N/A	http://matjournals.com/Journal-of-Analog-and-Digital-Communications.html	http://matjournals.in/index.php/JoADC/article/view/2987	UGC listed journal
Design And Analysis Of Coplanar Waveguide Resonators Using Short Ended And Open Ended Series Stub	Dr.H.Umma Habiba Mohamed Ibrahim K	ECE	IJRAR- International Journal Of Research And Analytical Reviews, [Volume 5 I Issue 3 I July– Sept 2018] Impact factor:4.236	2017-18	E IISSN 2348 –1269, Print ISSN 2349-5138	https://ijrar.org/?http://ijrar.org	https://ijrar.org/download.php?file=IJRAR1905018.pdf.pdf	UGC listed journal

Utilization of Electromagnetic Band Gap Cells for Performance Improvement of Co-Planar Waveguide Ultra Wide Band Filters	Dr.H.Umma Habiba Mohamed Ibrahim K	ECE	Journal of Radio and Television Broadcast Volume 3 Issue 2, MAT Journals 2018. Impact factor:	2017-18	N/A	http://matjournals.in/index.php/JoRTB/indexx	http://matjournals.in/index.php/JoRTB/article/view/2840	Others
Implications of Remote Sensing Data Analysis Using Deep Learning Techniques.	Dr.R.Gayathri, M.Kavitha	ECE	Journal of Computational and Theoretical Nanoscience Vol. 15, PP:2857–2862, 2018	2017-18	ISSN 1546-1955 (Print); ISSN 1546-1963 (Online)	https://www.ingentaconnect.com/content/asp/jctn	https://www.ingentaconnect.com/contentone/asp/jctn/2018/00000015/00000009/art00030	Scopus (upto 2020)
Design of Compact Common Radiator MIMO Antenna for X Band Applications	K Srividhya,Dr.Umma Habiba	ECE	Journal of Telecommunication Study, Volume 3, issue 3, page1-6	2017-18	N/A	http://matjournals.com/Journal-of-Telecommunication-Study.html	https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwj44rKEgfHyAhVTX30KHaSaAvoQFnoECAMQAQ&url=http%3A%2F%2Fmatjournals.in%2Finde	Others
Shared Circular Radiator for UWB MIMO applications	K Srividhya,Dr.Umma Habiba	ECE	International Journal of Computer Networking Wireless and Mobile Communication (IJCNWMC), Vol.8, Issiue No.-3, Page-1-8, ISSN(Print) : 2250-1568, ISSN(Online) : 2278-	2017-18	ISSN (P): 2250-1568; ISSN (E): 2278-9448	https://www.tjprc.org/journals/international-journal-of-computer-networking-wireless-and-mobile-communications23	http://www.tjprc.org/publishpapers/2-3-1536212015-1.IJCNWMCOCT20181.pdf	Scopus
A Survey on Handwritten CharacterRecognition Techniques for Tamil Language	Dr.R.Gayathri, Babitha Lincy R	ECE	International Journal of Engineering & Technology Vol:7 PP: 975-979 Impact factor:	2017-18	ISSN 2227-524X	https://www.sciencepubco.com/index.php/IJET	https://www.sciencepubco.com/index.php/ijet/article/view/25315	Others
Design of Compact Common Radiator MIMO Antenna for X Band Applications	K Srividhya Dr.Umma Habiba	ECE	Journal of Telecommunication Study, Volume 3, issue 3, page1-6. Impact factor:	2017-18	N/A	http://matjournals.com/Journal-of-Telecommunication-Study.html	https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwi_1eqMh_HyAhVf4zgGHQK2DPEQFnoECAMQAQ&url=http%3A%2F%2Fmatjournals.in%2Fi	others

Shared Circular Radiator for UWB MIMO applications	K Srividhya Dr.Umma Habiba	ECE	International Journal of Computer Networking Wireless and Mobile Communication (IJCNWMC), Vol.8, Issiue No.-3, Page-1-8, Impact factor: 7.9083	2017-18	ISSN(Print) : 2250-1568, ISSN(Online) : 2278-9448	https://www.tjprc.org/journals/international-journal-of-computer-networking-wireless-and-mobile-communications23	http://www.tjprc.org/view_paper.php?id=10484	Scopus
Design and Verification of High Performance VLSI Architecture for Reconfigurable FIR Filter Using Pipelined Distributed Arithmetic	Ms.R.Kousalya, G.Pavithra	ECE	International Journal of Pure and Applied Mathematics Volume : 119 ,PP: 1101-1107 Impact factor: 7.19	2017-18	ISSN: 1314-3395 (on-line version)	https://ijpam.eu/	https://www.acadpubl.eu/jsi/2018-119-7/articles/7b/19.pdf	Others
An Efficient Algorithm for Noise Reduction and Speech Enhancement	L Anju, Arthy.M.S, S.Balaji Arul Selvan	ECE	International Journal of Research and Analytical Review (IJRAR), . Impact factor:	2017-18	ISSN 2348-1269, P-ISSN 2349-5138	https://www.ijrar.org/	http://www.ijrar.org/papers/IJRAR190B013.pdf	UGC listed journal
Implications of Remote Sensing Data Analysis Using Deep Learning Techniques.	Dr.R.Gayathri, M.Kavitha	ECE	Journal of Computational and Theoretical Nanoscience Vol. 15, PP:2857–2862, 2018	2017-18	ISSN: 1546-1955 (Print): EISSN: 1546-1963 (Online)	http://www.aspbs.com/ctn/	https://www.researchgate.net/publication/329835304	Web of Science
A Survey on Handwritten Character Recognition Techniques for Tamil Language	Dr.R.Gayathri, Babitha Lincy R	ECE	International Journal of Engineering & Technology, Vol:7 PP: 975-979	2017-18	ISSN 2227-524X	https://www.sciencepubco.com/index.php/ijet	https://www.sciencepubco.com/index.php/ijet/article/view/25315	Others
A Survey on Epilepsy Detection and Classifications Using Automated Approaches	R, Srinath; & R, Gayathri.	ECE	International Journal of Engineering & Technology, [S.l.], volume. 7, no. 4.6, pp. 529-531, sep. 2018. ISSN 2227-524X.	2017-18	ISSN 2227-524X	https://www.sciencepubco.com/index.php/ijet	https://www.sciencepubco.com/index.php/ijet/article/view/28679	Scopus (till 2018)

A Personalised E-Learning System Using Reinforcement Learning Technique	Ms. B. T. Shobana	Information Technology	International Journal of Pure and Applied Mathematics	2017-18	13118080	https://ijpam.eu/	https://www.acadpubl.eu/jsi/2018-118-18/articles/18e/74.pdf	scopus
Elucidation of cyclic voltametric behaviour of N-hydroxy-3-isopropyl-2,6-difurylpiperidin-4-one semicarbazone and thiosemicarbazone and antibacterial study of the products	N.Sheeja, JB.Veeramalini and G.Baskar	Applied Chemistry	International Research Journal of Pharmacy	2017-18	2230-8407	http://www.irjponline.com	http://www.irjponline.com/admin/php/uploads/2725_pdf.pdf	Other
Cyclic voltametric study of some alkyl substituted N-hydroxy-2,6-diarylpiperidin-4-one semicarbazone and the antimicrobial studies of the products	N.Sheeja, JB.Veeramalini and G.Baskar	Applied Chemistry	International Journal of Materials and Product Technology	2017-18	0268-1900	https://www.inderscience.com/jhome.php?jcode=ijmpt	https://www.inderscienceonline.com/doi/pdf/10.1504/IJMPT.2017.084954	Scopus
Comparative analysis of N-hydroxy-2,6-bis(p-chlorophenyl)-3-isopropylpiperidin-4-one semicarbazone and N-hydroxy-2,6-bis(p-chlorophenyl)-3-isopropylpiperidin-4-one thiosemicarbazone by graceful tree graph, non-graceful graph and cliques representation of graph with the data	V.Narayanan, JB.Veeramalini and G.Baskar	Applied Chemistry	International Journal of Materials and Product Technology	2017-18	0268-1900	https://www.inderscience.com/jhome.php?jcode=ijmpt	http://www.inderscience.com/offer.php?id=84972	Scopus
Matching of organic compound with tripartite graph accepting continuous monotonic decomposition	V.Narayanan, JB.Veeramalini and G.Baskar	Applied Chemistry	International Journal of Pure and Applied Mathematics	2017-18	1311-8080	https://ijpam.eu/	https://acadpubl.eu/jsi/2016-109-si/8/32.pdf	Other
Performance Analysis for Queueing systems with close down periods Subject to Catastrophe	B Thilaka, B Poorani and S Udayabaskaran	Applied Mathematics	International Journal of Pure and Applied Mathematics	2017-18	1311 8080	https://ijpam.eu/	https://acadpubl.eu/jsi/2018-119-7/articles/7a/5.pdf	Scopus

Soret Effect, Rotation Effect and MHD Effect on an impulsively started isothermal semi-infinite vertical plate	Subbu Alias Suba and Muthucumaraswamy R	Applied Mathematics	International Journal of Pure and Applied Mathematics	2017-18	1311 8080	https://ijpam.eu/	https://acadpubl.eu/jsi/2018-118-10-11/articles/10/90.pdf	Scopus
On Power Domination in Certain Chemical Graphs	S. Prabhu , A.K. Arulmozhi and M.Arulperumjothi	Applied Mathematics	International Journal of Pure and Applied Mathematics	2017-18	1311 8080	https://ijpam.eu/	https://www.acadpubl.eu/jsi/2018-118-10-11/articles/11/3.pdf	Scopus
On Certain Counting Polynomial of Titanium dioxide nanotubes	S Prabhu, M. Arulperumjothi, G. Murugan, V.M. Dhinesh , J. Praveen Kumar	Applied Mathematics	Nanoscience and Nanotechnology - Asia	2017-18	2210 6812	https://www.eurekaselect.com/694/journal/nanoscience-amp-nanotechnology-asia	https://www.eurekaselect.com/node/160658/article/on-certain-counting-polynomial-of-titanium-dioxide-nanotubes	Scopus
Performance, combustion and emission characteristics of a single-cylinder constant speed compression ignition engine using soybean methyl esters	A. Rameshbabu, A. Bhaskaran, M. Sudharsanam & A. Prabhu	Applied Physics	International Journal of Ambient Energy, May 2018	2017-18	0143-0750	https://www.tandfonline.com/	https://doi.org/10.1080/01430750.2018.1472659	0thers
Quantum Computational and Molecular docking studies of 2-{2- [(2,6-dichlorophenyl)amino]phenyl}acetic acid based on density functional theory	Ms.G.Bharathy	Applied Physics	Asian Journal of Research in Social Sciences and Humanities,Vol.7, No.6, pp.395-427, 2017.	2017-18	2249-7315	https://www.researchgate.net/publication/317608945_	http://dx.doi.org/10.5958/2249-7315.2017.00359.8	others
Cobalt doped Zinc Oxide nanoparticles for Photocatalytic applications	Kalpana S and S.Sampath Krishnan	Applied Physics	J.of Ovianic Research.vol.1,No13,2017	2017-18	1584 - 9953	https://chalcogen.ro/263_KalpanaS.pdf	https://chalcogen.ro/263_KalpanaS.pdf	others

Experimental analysis of triple fluid vapour absorption refrigeration system driven by electrical energy and engine waste heat	A.Balasubramanian	AUT	Thermal Science	2017-18	0354-9836	http://thermalscience.vinca.rs/	https://doi.org/10.2298/TSCI171129110A	Web of science (SCI Expanded)
Antiosteoporotic effect of Hydrilla verticillata against lead induced damage in bone samples of edible fish Labeo rohita – an FTIR approach	Pandi Prabha, S, Johanna Rajkumar, Suresh S, Karthikeyan S	Biotechnology	Materials Science and Engineering C	2017-18	0928-4931	https://mjl.clarivate.com:/search-results?issn=0928-4931&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.sciencedirect.com/science/article/abs/pii/S0928493117324700?via%3Dihub	Scopus/ Web of Science
Effect Of Major And Minor Nutrients On Lactic Acid Production Using Biodiesel Waste-Derived Crude Glycerol As A Carbon Source By Lactobacillus Casei Ncim 2125	Sumitha.V, Christy Mathelin. R & Sivanandham. M	Biotechnology	Energy Sources, Part A: Recovery, Utilization, And Environmental Effects	2017-18	1556-7036	https://mjl.clarivate.com:/search-results?issn=1556-7036&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.tandfonline.com/doi/abs/10.1080/15567036.2018.1475519	Scopus/ Web of Science
Effects Of Retting Pond Wastewater Pollution And Seasonal Variation	D. Nilavunesan	Biotechnology	International Journal of Environment and Sustainable Developmen	2017-18	1474-6778	https://mjl.clarivate.com:/search-results?issn=1474-6778&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.inderscienceonline.com/doi/abs/10.1504/IJESD.2018.094036	Scopus/ Web of Science
In vitro studies to determine the effect of Boeravinone B on Human dendritic cells	Praveen Kumar Posa Krishnamoorthy, Sivanandham Muthukumaran	Biotechnology	Pharmacognosy Magazine	2017-18	0976-4062	https://mjl.clarivate.com:/search-results?issn=0973-1296&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.phcog.com/article.asp?issn=0973-1296;year=2018;volume=14;issue=56;spage=465;epage=470;aulast=Posa	Scopus/Web of Science
Synthesis, characterization and application of zinc oxide nanocomposite for dye removal from textile industrial wastewater	Nakkeeran E, Sunita JV, Vindhya D and Kalaiselvi A,	Biotechnology	Indian Journal of Biotechnology	2017-18	0972-5849	https://mjl.clarivate.com:/search-results?issn=0972-5849&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	http://nopr.niscair.res.in/handle/123456789/44682	Scopus/Web of Science

Co-production of biodiesel and alpha linolenic acid (omega-3 fatty acid) from microalgae, Desmodesmus sp. MCC34	Senthil Nagappan. A	Biotechnology	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2017-18	1556-7036	https://mjl.clarivate.com:/search-results?issn=1556-7036&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.tandfonline.com/doi/abs/10.1080/15567036.2018.1514434#:~:text=Articles-,Co%2Dproduction%20of%20biodiesel%20and%20alpha%2Dlinolenic%20acid%20(o	Scopus/Web of Science
Surveillance of variant mecA gene and analysis of efflux pump in mecA negative MRSA infections	T. Vinoth kambali, S. Visvanathan, N. Karpagam,	Biotechnology	International Journal of Current Engineering and Scientific Research	2017-18	2334-847X / 2334-8496	https://mjl.clarivate.com:/search-results?issn=2213-2929&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://applications.emro.who.int/imemrf/Pak_J_Pharm_Sci/Pak_J_Pharm_Sci_2017_30_5_supp_2007_2011.pdf	Scopus/ Web of Science
ENGINEERING STUDIES ON MOISTURE DIFFUSIVITY OF SOLID FOOD PRODUCTS DURING PROCESSING – A REVIEW	Rajasekar Subramanyam,Meyyappan Narayanan,Dubasi Govardhana Rao,	Chemical Engineering	ChemBioEng Reviews	2017-18	2196-9744	https://onlinelibrary.wiley.com/journal/21969744	https://onlinelibrary.wiley.com/doi/abs/10.1002/cben.201600018	others
STUDIES ON THE EFFECT OF PULSED MAGNETIC FIELD ON THE PRODUCTIVITY OF ALGAE GROWN IN DYE INDUSTRY EFFLUENT	Vishal B S, Swaminathan D, Anand C Babu and Meyyappan N	Chemical Engineering	Journal of Applied Biotechnology and Bioengineering 3(5), pp 1-5	2017-18	2572-8466	https://medcraveonline.com/JABB/	https://medcraveonline.com/JABB/studies-on-the-effect-of-pulsed-magnetic-field-on-the-productivity-of-algae-grown-in-dye-industry-effluent.html	others
STUDIES ON THE EFFECT OF RED, BLUE AND WHITE LED LIGHTS ON THE PRODUCTIVITY OF CHLORELLA VULGARIS TO TREAT DYE INDUSTRY EFFLUENT	Vishal BS, Swaminathan D and Meyyappan N	Chemical Engineering	Advances in Biotechnology & Microbiology, volume 6(2), pp 1-6	2017-18	2474-7637	https://juniperpublishers.com/aibm/	https://juniperpublishers.com/aibm/pdf/AIBM.MS.ID.555682.pdf	others
POTENTIAL APPLICATION OF REDOX MEDIATORS AND METABOLIC UNCOUPLERS IN ENVIRONMENTAL RESEARCH – A REVIEW	Vishal Bellie Subramani, Swaminathan Detchanamurthy, Parthiban Rangasamy	Chemical Engineering	ChemBioEng Reviews, volume 4(6), pp 377-384.	2017-18	2196-9744	https://onlinelibrary.wiley.com/journal/21969744	https://www.researchgate.net/publication/319339634_Potential_Application_of_Redox_Mediators_and_Metabolic_Uncouplers_in_Environmental_Research_-_A_Review	Web of science (SCI Expanded)

DYNAMIC STUDIES AND CONTROL OF DIRECT METHANOL FUEL CELL	R.Govindarasu, S.Somasundaram, P.K.Bhaba	Chemical Engineering	Taga Journal of graphic technology, 14 (1), pp 1075-1085	2017-18	1748-0345	http://www.tagajournal.com/	http://www.tagajournal.com/gallery/v14.95.pdf	others
COMPUTER AIDED TOOL BOX FOR THE DESIGN OF CDM BASED PID FAMILY CONTROLLERS	R.Govindarasu, S.Somasundaram, P.K.Bhaba	Chemical Engineering	Taga Journal of graphic technology14(1), pp1525-1537	2017-18	1748-0345	http://www.tagajournal.com/	http://www.tagajournal.com/gallery/v14.136.pdf	others
PID CONTROLLER TUNING USING ASPEN HYSYS	Bhavatharini S, Abirami S, Arun Prem Anand N	Chemical Engineering	International Journal of Research in Engineering and Advanced Technology, 6(2), pp 72-75	2017-18	2320-8791	http://www.ijreat.org/	http://www.ijreat.org/Archives.html	others
ENHANCED CORROSION PROTECTION BY RECYCLED POLYURETHANE	Abirami P, Ananya R, Gokul R, Arun Prem Anand N	Chemical Engineering	Asian Journal of Applied Science and Technology, 2(2), pp 1085-1088	2017-18	2456-883X	http://ajast.net/	http://ajast.net/data/uploads/5045.pdf	others
COMPARATIVE STUDY OF PID CONTROLLER TUNING METHODS USING ASPEN HYSYS	Bhavatharini S, Abirami S, Arun Prem Anand N	Chemical Engineering	International Journal of Scientific Research and Review, 7(6), pp 542-546	2017-18	2279-543X	http://www.ijsrr.org/	http://www.dynamicpublisher.org/gallery/ijsrr-d552.pdf	others
Potential influence of Metro on Bus: A case study	M.Selvakumar, M A Reddy, Sathish, R Venkatesh	Civil Engineering	Journal of The Institution of Engineers (India): Series A 99 (2), PP:379-384	2017-18	2250-2157	https://www.springer.com/journal/40030	https://link.springer.com/article/10.1007/s40030-018-0290-y	Scopus

Data De-Duplication on Encrypted Data Lake in Cloud Environment	A. G. Ashmita, R. Anitha	CSE	International Journal of Engineering Research and Technology (IJERT), ISSN: 2278-0181, Vol 7, Issue 03, March 2018	2017-18	2278-0181	https://www.ijert.org/	https://www.ijert.org/research/data-de-duplication-on-encrypted-data-lake-in-cloud-environment-IJERTV7IS030116.pdf	Others
Efficient Load Balancing for Multimedia Transmission	Hemalatha. A.B and Gayathri. R	CSE	International Journal of Engineering and Techniques, Vol. 4, No. 2, pp. 464-466	2017-18	2395-1303	http://www.ijetjournal.org/?utm_source=researchbib	http://paper.researchbib.com/view/issn/2395-1303/4/2	Others
Mobility Management in Power Controlled and Rate Adaptive Adhoc Networks	Rajyashree. R and Balamurugan. N.M	CSE	International Journal of Engineering Research & Technology (IJERT), Vol. 7, No. 3, pp. 311-314.	2017-18	2278-0181	https://www.ijert.org/	https://www.ijert.org/mobility-management-in-power-controlled-and-rate-adaptive-ad-hoc-networks	Others
Homomorphic Encryption using Enhanced BGV Encryption scheme for cloud security	Suriyaprasad. S.V and Kumanan. K	CSE	International Journal of Engineering and Computer Science, Vol. 7, No. 3, pp. 23785-23789.	2017-18	2319-7242	http://ijecs.in/	http://ijecs.in/index.php/ijecs/article/download/3999/3786	Others
Knowledge Mining Based on User Request and User Preferences	Ramesh Kumar, Dr. K. Arulanandam, Dr. P. Janarthanan	CSE	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), vol 5, Special Issue 4	2017-18	2394-3777	https://ijartet.com/	https://ijartet.com/3186/v5s04feb2018tiruvalluvarmca/conference	Others
A Novel Efficient Clustering and Secure Data Transmission Model for Spatiotemporal Data in WSN	Adimoolam M, Sugumaran M, Rajesh S R	CSE	International Journal of Pure and Applied Mathematics, vol 118, no. 8, pp. 117-125, 2018. (Scopus indexed, Normalized Impact per Paper (SNIP): 0.635, 2014)	2017-18	1311-8080	https://www.acadpubl.eu/j	https://www.acadpubl.eu/jsi/2018-118-7-9/articles/8/16.pdf	Scopus

An Ingenious Segmentation Application for brain Lesion Detection in Multimodal MR Images	V. Murugesh, V. Sivakumar, P Janarthanan,	CSE	JCSE International Journal of Computer Science and Engineering", Vol 6, Isuue 6	2017-18	2347-2693	https://www.ijcseonline.org/	https://www.ijcseonline.org/pdf_paper_view.php?paper_id=2189&	Others
Tracking And Predicting Student Performance In Graduation Program Using Time Series Forecasting	Supraja S, Poorani S	CSE	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 5, Special Issue 11	2017-18	2394-3777	https://ijartet.com/	https://ijartet.com/3514/v5s11april2018srivenkateswaraece/conference	Others
Mitigating combinatorial attacks in node to node communication using high level security measures based on analysis of efficiency factor through regression and deviation	V.M. Gayathri, Dr.R.Nedunchelian	CSE	Cluster Computing, Springer	2017-18	1386-7857	https://link.springer.com/article/	https://link.springer.com/article/10.1007/s10586-018-2004-7	Scopus
DKGM-Device Key Generation Algorithm to improvise security measures by maintaining the reliability threshold in device to device communication	V.M. Gayathri, Dr.R.Nedunchelian	CSE	International Journal of Pure and Applied Mathematics, Vol: 117, No.15,2017, P.No:1095-1102 IF: 0.37	2017-18	: 1314-3395	https://acadpubl.eu	https://acadpubl.eu/jsi/2017-117-15/articles/15/90.pdf	Scopus
Enhanced clone detection using channel response information in wireless sensor network	Jeyaselvi and Jayakumar	CSE	Journal of Computational and Theoretical Nanoscience	2017-18	1546-1955	http://www.aspbs.com/ctn/	https://www.ingentaconnect.com/contentone/asp/jctn/2017/00000014/00000009/art00003	SCOPUS
Hierarchical replication and multiversion concurrency control model for mobile database systems (MDS)	Mohan M and Jayakumar C	CSE	Wireless Networks, Vol.23, Issue5, pp.1401-1411	2017-18	0018-9219	https://www.springer.com/journal/11276	https://www.proquest.com/openview/80f9aa38ff2a23fe8de21b41511ef3ca/1?pq-origsite=gscholar&cbl=26318	SCI

FlowAgent: Software Defined Firewall Rule Generator for Network Intrusion Detection System	Nithya M and Jayakumar C	CSE	International Journal of Intelligent Engineering and Systems	2017-18	2185-3118	https://inass.org/publications/	http://oaji.net/articles/2017/3603-1493449112.pdf	SCOPUS
An Efficient Hash based data de-duplication approach in large file distributed storage servers	S.U.Muthunagai, R. Anitha	CSE	International Journal of Emerging Technology in Computer Science and Electronics (IJETCSE) Vol 24 Issue 12	2017-18	0976-1353	https://www.ijetcse.com	https://www.ijetcse.com/view_paper.php?id=35&iid=35	Others
Agriculture monitoring and crop detection system	S. Akshaya, V. Deepaprem, K. Gopi, Dr.R.Nedunchelian	CSE	International journal of trendy research in Engineering and Technology-Vol: 1 Issue	2017-18	2582-0958	https://www.trendytechjournals.com/	https://www.trendytechjournals.com/files/issues/volume1/issue2-4.pdf	Others
Database using multi-factor Authentication	R. Rajyashree, M. Vaishnavi, Dr.R.Nedunchelian	CSE	Authentication", International journal of trendy research in Engineering and Technology-Vol: 1	2017-18	2582-0958	https://www.trendytechjournals.com	https://www.trendytechjournals.com/journal-volume1-issue1.php	Others
Eradication of vulnerable host from N2N communication Networks using probabilistic models on historical data	V.M. Gayathri, Dr.R.Nedunchelian	CSE	International Journal of Pure and Applied Mathematics, Vol: 117, No.15,2017, P.No:1087-1094 IF: 0.37.	2017-18	: 1314-3395	https://acadpubl.eu/	https://acadpubl.eu/jsi/2017-117-15/articles/15/89.pdf	Scopus
Efficient method to detect and classify diabetic retinopathy using retinal fundus images	K. Malathi, Dr.R.Nedunchelian,	CSE	International Journal of Pure and Applied Mathematics, Vol: 116 No.21,2017, P.No: 89-97 IF: 0.37.	2017-18	: 1314-3395	https://www.acadpubl.eu/	https://www.acadpubl.eu/jsi/2017-116-13-22/articles/21/15.pdf	Scopus

Domain-specific search engine optimization using healthcare ontology and a neural network back-propagation approach	R. Kavitha, Dr.R.Nedunchelian	CSE	Research Journal of Biotechnology, Volume (Special issue-ii, Aug-2017) IF: 0.29.	2017-18	2278-4535	https://www.researchgate.net/journal/Research-Journal-of-Biotechnology-0973-6263	https://www.researchgate.net/publication/323412194_Domain-specific_Search_engine_optimization_using_healthcare_ontology_and_a_neural_network_backpropagation_app	Others
A Recursive support vector machine(RSVM) algorithm to detect and classify diabetic retinopathy in fundus retina images	K. Malathi, Dr.R.Nedunchelian,	CSE	Biomedical Research 2017-Special issue: IF: 0.219.	2017-18	0970-938X	https://www.biomedres.info/current-issue.php	https://www.biomedres.info/biomedical-research/a-recursive-support-vector-machine-rsvm-algorithm-to-detect-and-classify-diabetic-retinopathy-in-fundus-retina-images-7033.html	Others
Unique Identity and localization based replica node detection in hierarchical wireless sensor networks	T.P.Rani, C. Jayakumar	CSE	Computers and Electrical Engineering, Elsevier Vol.64, pp.148-162.	2017-18	0045-7906	https://www.sciencedirect.com/journal/computers-and-electrical-engineering	https://www.sciencedirect.com/science/article/pii/S0045790617325843?via%3Dihub	SCI
Anomaly Detection System For Healthcare Resource Usage in Machine Learning	Gnanasekar J.M, Natarajan C	CSE	International Journal of Computers & Distributed Systems, Vol 5, Issue 1 pp - 138-143	2017-18	2278-5183	https://journals.indexcopernicus.com/search/details?id=45438	https://www.semanticscholar.org/paper/Anomaly-Detection-System-For-Healthcare-Resource-In-chellasamy-Gnanasekar/680f2d952e32e66efb0ed1f72cc34fe632743	Others
Congestion Control Scheme for Heterogeneous Wireless Ad Hoc Networks Using Self-Adjust Hybrid Model	Rajesh M, Gnanasekar, J.M	CSE	International Journal of Pure and Applied Mathematics, Vol. 116, pp537-547.	2017-18	1314-3395	https://acadpubl.eu/	https://acadpubl.eu/jsi/2017-116-13-22/articles/21/72.pdf	Scopus
Review of sliding Mode Observers for sensorless control of Permanent Magnet Synchronous Motor Drives	Dr.KR.Santha and Ganapathy Ram	EEE	International Journal of Power Electronics and Drive System 2018	2017-18	2722-256X	https://ijpeds.iaescore.com/index.php/IJPEDS/index	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/9498	Scopus

Improved Performance of Integrated Generator systems with Claw pole alternators for aircraft applications	Deepak Arumugam Premalatha Logamani, and KR.Santha	EEE	Energy Journal	2017-18	0360-5442	https://www.sciencedirect.com/journal/energy	https://www.sciencedirect.com/science/article/abs/pii/S0360544217308903	Scopus
Review of Sliding mode observers for sensor less control of Permanent Magnet Synchronous motor drives	Ganapathy Ram and KR.Santha	EEE	International Journal of Power Electronics and Drive System	2017-18	2722-256X	https://ijpeds.iaescore.com/index.php/IJPEDS	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/9498/11110	Scopus
Performance Evaluation of PMSG for Aircraft applications	Bharathi Thangaraj, Deepak Arumugam, Premalatha Logamani, KR.Santha	EEE	Energy Procedia	2017-18	1876-6102	https://www.sciencedirect.com/search?pub=Energy%20Procedia&cid=277910	https://www.sciencedirect.com/science/article/pii/S1876610217323780	Scopus
Speed Control of three phase BLDC fan motor using Fuzzy Logic Controller	P.Manimegalai, KR.Santha and M.Sankar	EEE	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engg	2017-18	2278 – 8875	https://www.ijareeie.com/	https://www.ijareeie.com/upload/2017/ncaeee/8_P34J.PDF	Scopus
A Symmetric Multilevel Voltage Source Inverter with Reduced Number of Switches	Dr.R.Karthikeyan and V.Sanghavee	EEE	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engg	2017-18	2278 – 8875	https://www.ijareeie.com/	https://www.ijareeie.com/upload/2017/ncaeee/4_P16J.PDF	Scopus
A Comparative Study of Four Different Non-Isolated Bidirectional DC-DC Converters	K.Sundararaman, K V Nirmala and S Arulmozhi	EEE	International. Journal of Engineering Research and Application	2017-18	2248-9622	https://www.ijera.com/	https://www.ijera.com/papers/Vol7_issue7/Part-9/I0707097683.pdf	Scopus

State Feedback Speed Control of Permanent Magnet Synchronous Motor for an Electric Vehicle	RumanaFarheen.N and S.G .BharathiDasan	EEE	International Journal of Scientific Development and Research - IJSDR	2017-18	2455-2631	https://www.ijsdr.org/	https://ijsdr.org/viewpaperforall.php?paper=IJSDR1707019	Google Scholar
Combined Mathematical Morphology and Data Mining Based High Impedance Fault Detection	Nalin Kant Mohanty and Kavaskar Sekar	EEE	Energy Procedia	2017-18	1876-6102	https://www.sciencedirect.com/search?pub=Energy%20Procedia&cid=277910	https://reader.elsevier.com/reader/sd/pii/S1876610217323871?token=C0411E5C80E6CC1E6FC5A98D8D22DBC58011CFA9652B011EA207A951F91BF2B1CEEECA0DF3EC0FF37D942B7013852102&	Scopus
A new topology for cascaded H-bridge multilevel inverter with PI and Fuzzy control	Nalin Kant Mohanty and C.Kannan	EEE	Energy Procedia	2017-18	1876-6102	https://www.sciencedirect.com/search?pub=Energy%20Procedia&cid=277910	https://www.sciencedirect.com/science/article/pii/S1876610217324529	Scopus
Fundamental Sequence Component Based Hysteresis Current Controlled MSALC”	Nalin Kant Mohanty G.Muralikrishnan	EEE	Energy Procedia	2017-18	1876-6102	https://www.sciencedirect.com/search?pub=Energy%20Procedia&cid=277910	https://www.sciencedirect.com/science/article/pii/S1876610217324748	Scopus
Design and analysis of Circular Patch Fractal Antenna for Radar Application	A. Arun Kumar and P. Jothilakshmi	ECE	Middle-East Journal of Scientific Research	2017-18	ISSN 1990-9233	https://www.idosi.org/mejsr/mejsr.htm	https://www.idosi.org/mejsr/mejsr24(S1)16.htm	Others
Performance Enhancement of Modified Multiband Stacked Microstrip Patch Antenna for Wireless Communication	K. Shahida Salma and P. Jothilakshmi	ECE	Middle-East Journal of Scientific Research	2017-18	ISSN 1990-9233	https://www.idosi.org/mejsr/mejsr.htm	https://www.idosi.org/mejsr/mejsr24(IIECS)16.htm	Others

Miniaturised ISM band HMSIW band-pass filter loaded with wide U slot	Ramalingam Sandhya and Hyder Ali Umma Habiba	ECE	IET Journal of Engineering, Volume 2018, Issue 2, February 2018, p. 88 – 93	2017-18	ISSN: 2051-3305	https://digital-library.theiet.org/content/journals/joe;jsessionid=1c3nehkigqqv2.x-iet-live-01	https://digital-library.theiet.org/content/journals/10.1049/joe.2017.0410	others
Hybrid Wavelet Features for the Classification of Micro-calcification Clusters in Digital Mammograms	Venmathi, A. R.; Ganesh, E. N.; Kumaratharan, N.	ECE	Journal of Computational and Theoretical Nanoscience, Volume 14, Number 4, April 2017, pp. 1714-1723(10)	2017-18	ISSN: 1546-1955 (Print):	https://www.ingentaconnect.com/content/asp/jctn;jsessionid=2pccj2phbn73f.x-ic-live-02	https://www.ingentaconnect.com/content/asp/jctn/2017/00000014/00000004/art00006;jsessionid=20gweogs4jsl4.x-ic-live-02	Scopus (upto 2021)
Multimedia transmission in MC-CDMA using adaptive subcarrier power allocation and CFO compensation	S. Chitra & N. Kumaratharan	ECE	International Journal of Electronics, Volume 105, 2018 - Issue 2	2017-18	ISSN: 0020-7217 (Print)	https://www.tandfonline.com/journals/tetn20	https://www.tandfonline.com/doi/abs/10.1080/00207217.2017.1357201	SCI Index
Scheduling for Reclustering and Cluster based Communication using Fuzzy Logic in Wireless Sensor Network	Dr.N.Kumaratharan	ECE	International Journal of Pure and Applied Mathematics, Volume 116 No. 23 2017, 593-598	2017-18	ISBN (print) : 1311-8080, ISSN: 1314-3395 (on-line version)	http://www.ijpam.eu/index.html	https://acadpubl.eu/jsi/2017-116-23-24/issue23.html, https://acadpubl.eu/jsi/2017-116-23-24/articles/23/76.pdf	Scopus (upto 2021)
Scheduling for reclustering and cluster based communication using fuzzy logic in wireless sensor networks	V.Rajaram	Information Technology	International journal of pure and applied mathematics	2017-18	13118080	https://ijpam.eu/	https://acadpubl.eu/jsi/2017-116-23-24/articles/23/76.pdf	scopus
Particle Swarm Optimization based workflow scheduling for medical applications in cloud	Dr.G.Sumathi	Information Technology	Biomedical Research	2017-18	0970938X	https://www.biomedres.info/	https://www.alliedacademies.org/abstract/a-software-design-technique-for-developing-medical-expert-systems-through-use-case-analysis-6521.html	scopus

Sliding Wear Characteristics Of Solid Lubricant Coating On Titanium Alloy Surface Modified By Laser Texturing And Ternary Hard Coatings	M. Prem Ananth, R. Ramesh	Mechanical Engineering	Trans. Nonferrous Met. Soc. China, Vol. 27 pp.839−847, 2017. Impact Factor : 1.523	2017-18	1003-6326	https://www.sciencedirect.com/journal/transactions-of-nonferrous-metals-society-of-china	https://www.sciencedirect.com/science/article/abs/pii/S1003632617600967	Web of science
Modeling And Analysis On Influential Machining Parameters Of 38mnsivs5 Micro Alloyed Steel By D-Optimal Design	N.Muthukrishnan and S.Muniraj	Mechanical Engineering	International Journal Of Manufacturing Technology And Management (Article In Press)	2017-18	1368-2148	https://www.inderscienceonline.com/loi/ijmtm	https://www.inderscienceonline.com/doi/abs/10.1504/IJMTM.2021.114698	Scopus
Exploration Of Kerf Angle And Surface Roughness In Abrasive Water Jet Machining Using Response Surface Method	N.Muthukrishnan and M.NareshBabu	Mechanical Engineering	Journal Of The Institute Of Engineers (India) Series C (2017) Doi.Org/10.1007/S40032-017-0366-X	2017-18	2250-0553	https://www.springer.com/journal/40032	https://link.springer.com/article/10.1007%2Fs40032-017-0366-x	Scopus
Experimental Estimation Of Minimum Quantity Lubrication In Turning On AISI 410 Stainless Steel	N.Muthukrishnan M.NareshBabu	Mechanical Engineering	International Journal Of Machining and Machinability Of Materials,Vol.19,pp.522-537, 2017.	2017-18	1748-572X	https://www.inderscience.com/jhome.php?jcode=ijmmm	https://www.inderscience.com/offer.php?id=88894	Scopus
Prioritizing Critical Factors For Establishing An Automotive Component Manufacturing Facility: An AHP-Pareto Approach	S. Yeshwant Raj, Sughosh S.D &Sedhuraman M.J	Mechanical Engineering	Journal Of Advanced Research In Dynamical And Control Systems, Vol.11, pp.448-459, 2017.	2017-18	1943-023X	https://www.jardcs.org/	https://jardcs.org/abstract.php?archiveid=1075	Scopus coverage years:from 2009 to 2015, from 2017 to 2020
Increasing Reliability And Productivity In Hypermarkets By Queuing Theory Analysis And A Smart Shopping Cart-Based System	S. Yeshwant Raj, K.Karthee,KalyanaSundaram, M.Nishal and K.Ram Prasad	Mechanical Engineering	International Journal Of BusinessExcellence,Vol14, No.4,pp.545-556,2018	2017-18	1756-0047	https://www.inderscienceonline.com/loi/ijbex	https://www.inderscienceonline.com/doi/abs/10.1504/IJBEX.2018.090317	Scopus

Optimization Of Performance And Emission Characteristics Of Ppcci Engine Fuelled With Ethanol And Diesel Blends Using Grey-Taguchi Method	K.Pitchandi S.Natarajan	Mechanical Engineering	Journal Of Thermal Science, Vol.27, No.1 (2018) pp.89 – 94, 2018. Impact Factor: 0.678	2017-18	1993-033X	https://www.springer.com/journal/11630	https://link.springer.com/article/10.1007/s11630-018-0988-1	Web of Science
Computational Fluid Dynamic Analysis On The Effect Of Particles Density And Body Diameter In A Tangential Inlet Cyclone Heat Exchanger	Pitchandi K Mothilal T	Mechanical Engineering	Thermal Science , Vol. 21, No. 6b Pp. 2883-2895 Year 2017 Impact Factor: 1.093	2017-18	0354-9836	http://www.doiserbia.nb.rs/journal.aspx?issn=0354-9836	http://www.doiserbia.nb.rs/Article.aspx?ID=0354-98361600055T	Web of Science
CFD and Statistical Approach for Optimization of Operating Parameters in a Tangential Cyclone Heat Exchanger	T.Mothilal, K.Pitchandi,V.Velukumar, k.Parthiban	Mechanical Engineering	Journal of Applied Fluid Mechanics, Vol.11, No.2, pp.459-466, 2018.	2017-18	1735-3645	https://jafmonline.net/web/guest/home	https://jafmonline.net/web/guest/29?p_p_id=JournalArchive_WAR_JournalArchive_INSTANCE_viiD&p_p_action=0&p_p_state=normal&p_p_mode=view&p_p_col_id=column-	Scopus
Study Of Combustion And Emission In Dici Engine With Pent Roof And Spherical Combustion Chambers	Pitchandi K Arumugam S	Mechanical Engineering	Taga Journal of Graphic Technology, Vol 14, 833-839, 2018.	2017-18	1748-0345	http://www.tagajournal.com/	http://www.tagajournal.com/gallery/v14.76.pdf	Others
Optimisation Of Spray Parameters Of Diesel and Biodiesel Fuels Using Multi-Response Signal to Noise (Mrsn)Ratio	P.Raghu, S. Krishna Sagar, R. Sabarinath M. Gowtham AKBoobalasenthilraj	Mechanical Engineering	International Journal Of Science And Innovative Engineering & Tech. Impact Factor : 4.321	2017-18	2320-2092	http://www.iraj.in/	http://www.iraj.in/journal/journal_file/journal_pdf/2-486-153571481045-50.pdf	Others
Spray Characteristics Of Chicha Oil Methyl Ester Anddiesel Fuel In A Constant Volume Chamber	P.Raghu Ganesh Kumar. S Pitchandi. K Nallusamy. N	Mechanical Engineering	International Journal Of Advanced Research In Basic Engineering Sciences and Technology Impact Factor: 5.023	2017-18	2456-5717	https://www.ijarbest.com	https://www.ijarbest.com/conference/spcl33/1276	Others

Experimental Investigation On Fuel Spray Parameters And Characteristics Of Diesel And Bio-Diesel Blend	P.Raghu S. Krishna Sagar R. Sabarinath M. Gowtham A.K.Boobalasenthilraj	Mechanical Engineering	International Journal Of Advanced Research In Basic Engineering Sciences and Technology Impact Factor: 5.023	2017-18	2456-5717	https://www.ijarbest.com	https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjjiZ76oJ3zAhUbzDgGHb1aB8UQFnoECAkQAQ&url=https%3A%2F%2Fwww.ijarbest.com%2F	others
Dimensionless Analysis Of Spray Characteristics Of Chicha Oil Methyl Ester And Diesel Fuel In A Spray Chamber	P.Raghu Ganesh Kumar.S Nallusamy.N	Mechanical Engineering	Progress In Industrial Ecology-An International Journal	2017-18	1476-8917	https://www.inderscienceonline.com/loi/pie	https://www.inderscience.com/info/inarticle.php?artid=91300	Scopous
Early Injected Pcci Engine Fuelled With Bio Ethanol And Diesel Blends-An Experimental Investigation	S.Natarajan Abhinav Shankar	Mechanical Engineering	Energy Procedia,Vol.105, ,pp.358-366,2017. Impact Factor: 1.16	2017-18	1876-6102	https://www.journals.elsevier.com/energy-procedia	https://www.sciencedirect.com/science/article/pii/S1876610217303600	Scopous
Computational Analysis Of An Early Direct Injected Hcci Engine Fuelled With Bio Ethanol And Diesel Blends	S.Natarajan Akshaykumar	Mechanical Engineering	Energy Procedia,Vol.105, ,pp.350-357,2017. Impact Factor: 1.16	2017-18	1876-6102	https://www.journals.elsevier.com/energy-procedia	https://www.sciencedirect.com/science/article/pii/S1876610217303594	Scopous
Effects Of Injection Timing On Ci Engine Performance Fuelled With Algae Oil Blend Using Taguchi Analysis	S.Natarajan Akashtrasy Srihari.N Raja.S	Mechanical Engineering	Energy Procedia, Vol.105, pp.1043-1050,2017. Impact Factor: 1.16	2017-18	1876-6102	https://www.journals.elsevier.com/energy-procedia	https://www.sciencedirect.com/science/article/pii/S1876610217304939	Scopous
Screening Oxygenates For Favorable Nox/Smoke Trade-Off In A Di DieselEngine Using Multi Response Optimization	B. Rajesh Kumar, S. Saravanan, BalajiSethuramasamyraja, D. Rana	Mechanical Engineering	Fuel, Vol.199, pp.670–683, 2017. Impact Factor :4.601	2017-18	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236117303198	Web of Science

Optimization Of Di Diesel Engine Parameters Fueled With Iso-Butanol/Diesel Blends – Response Surface Methodology Approach	S. Saravanan B. Rajesh Kumar A. Varadharajan D. Rana, Balaji Sethuramasamyraj G. Lakshmi NarayanaRao	Mechanical Engineering	Fuel, Vol.203, pp.658–670, 2017. Impact Factor :4.601	2017-18	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236117305069?via%3Dihub	Web of Science
A Comparative Assessment Of Ternary Blends Of Three Bio-Alcohols With Waste Cooking Oil And Diesel For Optimum Emissions And Performance In A CI Engine Using Response Surface Methodology	V.Krishnamoorthya, R.Dhanasekarana, D. Rana, S. Saravanan and, B. Rajesh Kumar	Mechanical Engineering	Energy Conversion And Management, Vol.156,pp: 337-357, 2018.Impact Factor : 5.589	2017-18	0196-8904	https://www.sciencedirect.com/journal/energy-conversion-and-management	https://www.sciencedirect.com/science/article/abs/pii/S0196890417310191?via%3Dihub	Web of Science
Combined Influence Of Injection Timing And Egr On Combustion, Performance And Emissions Of Di Diesel Engine Fueled With Neat Waste Plastic Oil	D. Damodharana, A.P.Sathiyagnanam, D. Rana, B. Rajesh Kumar and S. Saravanan	Mechanical Engineering	Energy Conversion and Management, Vol.161, pp.294–305, 2018. Impact Factor : 5.589	2017-18	0196-8904	https://www.sciencedirect.com/journal/energy-conversion-and-management	https://www.sciencedirect.com/science/article/abs/pii/S019689041830058X?via%3Dihub	Web of Science
Comparison Of Combustion Characteristics Of An Automotive Crdi Engine With Conventional Hcv Engine	S.Saravanan K.PaulDurai I.MeenakshiSundaram	Mechanical Engineering	Int. J. Oil, Gas And Coal Technology Impact Factor : 0.5 (In Press)	2017-18	1753-3317	https://www.inderscience.com/jhome.php?jcode=ijogct	https://www.inderscience.com/info/inarticle.php?artid=100224	WEb of Science
Prediction Of Emission And Performance Of A Diesel Engine Fuelled With N-Octanol/Diesel Blends Using Response Surface Methodology	K.Gopal, A.P.Sathyagnanam, B.Rajesh Kumar, S.Saravanan, D.Rana B.Sethuramasamyraj	Mechanical Engineering	Journal of Cleaner Production, Vol.184, pp.423-439, 2018. Impact Factor :5.715	2017-18	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.sciencedirect.com/science/article/abs/pii/S0959652618305262?via%3Dihub	WEb of Science
Application Of Fuzzy Qfd For Improving The Process Sustainability Characteristics: A Case Study	Vimal, KEK, VinodhS.and Jayakrisha K	Mechanical Engineering	International Journal Of Services And Operations Management	2017-18	1744-2389	https://www.inderscience.com/jhome.php?jcode=ijsom	https://www.inderscience.com/offer.php?id=97528	Scopus

A Conceptual Framework For The Assessment Of Sustainability Indicators Using If-Then Rules Approach: A Case Study	Jayakrisha K, Vinodh, S., and Vimal, KEK	Mechanical Engineering	International Journal Of Services And Operations Management	2017-18	1744-2389	https://www.inderscience.com/jhome.php?jcode=ijsom	https://www.inderscienceonline.com/doi/abs/10.1504/IJSOM.2019.103570	Scopus
Modelling And Analysis Of Sustainable Manufacturing System Using A Digraph-Based Approach	Vimal, KEK, Vinodh, S., and Anand G	Mechanical Engineering	International Journal Of Sustainable Engineering No. 1939-7038	2017-18	1939-7038	https://www.tandfonline.com/action/journalInformation?journalCode=tsue20	https://www.tandfonline.com/doi/abs/10.1080/19397038.2017.1420108?journalCode=tsue20	Scopus
Experimental Investigation Of Polymer Matrix Composite Gears With Different Fiber Proportions	S.Ilaiyavel and K.Senthilnathan	Mechanical Engineering	International Journal of Vehicle Structures and Systems. 12. 10.4273/ijvss.12.2.20.	2017-18	9753060	https://maftree.org/eja/index.php/ijvss	https://maftree.org/eja/index.php/ijvss/article/view/1393	Scopus
Friction Stir Spot Welding Of Az31b Magnesium Alloy	S.RameshBabu, M. Nithin, S. Pavithran, B. Parameshwaran	Mechanical Engineering	Applied Mechanics and Materials Journal, Vol. 867, pp.105-111,2017.	2017-18	1662-7482	https://www.scientific.net/AMM	https://www.scientific.net/AMM.867.105	Scopus
Resilient Voices : Cultural and Political Resistance of Fisher folk in Joe D'Cruz Aazhi Choozh Ulagu and Vanna Nilavan's By the Sea	C Amutha charu Sheela	Humanities & Social Sciences	Bodhi international journal of research in humanities, arts and science	2017-18	ISSN:2456-5571	http://www.bodhijournals.com/spl_issue	http://www.bodhijournals.com/pdf/spl/december2017/Bodhi_V2S1.pdf	UGC approved journal(J.No44274
Engagements and Encounters: the politics of secularism in M.G.Vassanji's The Assassin's Song	C Amutha charu Sheela	Humanities & Social Sciences	Roots – International journal of Multidisciplinary Researchhes Vol.4/Special issue 1	2017-18	2349-8684 (Print)	www.rootsjournal.com	https://drive.google.com/file/d/15F9kQKJU7xO6-Oqhf06Ysm0un2WZBFlb/view?usp=sharing	UGC approved journal(J.No 48991)

Loclized Electrochemical Impedance Spectroscopy observation on scratched epoxy coated carbon steel in saturated Ca(OH)2 with various chloride concentration	T.Balusamy and T.Nishimura	Applied Chemistry	Journal of Analytical & Bioanalytical Techniques	2016-17	2155-9872	https://www.omicsonline.org/analytical-bioanalytical-techniques.php	https://www.omicsonline.org/peer-reviewed/localized-electrochemical-impedance-spectroscopy-observation-on-scratched-epoxy-coated-carbon-steel-in-saturated-caoh2-with-variou-	Other
In-situ Corrosion monitoring of scratched epoxy coated carbon steel in saturated Ca(OH)2 with or without 3% NaCl by Scanning Electrochemical Microscopy and Electrochemical Impedance Spectroscopy	T.Balusamy and T.Nishimura	Applied Chemistry	American Journal of Analytical Chemistry	2016-17	2156-8251	https://www.scirp.org/journal/Indexing.aspx?JournalID=203	https://www.scirp.org/journal/paperinformation.aspx?paperid=67854	Other
Structural and spectral studies on benzoyl thiourea based on DFT calculations	R.Kumutha, S.Sampath Krishnan, P.G.Rubarani and M.Thirumalaikumar	Applied Chemistry	Journal of Advances in Chemistry	2016-17	2321-870X	https://rajpub.com/index.php/jac	https://rajpub.com/index.php/jac/article/view/1957/1915	Other
Biosynthesis of ZnO nanoparticles using rambutan (Nephelium lappaceumL.) peel extract and thier photocatalytic activity on methyl orange dye	K. Thenmozhi and S. Stanly	Applied Chemistry	Journal of Molecular Structure	2016-17	222860	https://www.journals.elsevier.com/journal-of-molecular-structure	https://www.sciencedirect.com/science/article/abs/pii/S0022286016307001	Other
A novel bio-mimetic approach for the fabrication of Bi2O3 nanoflakes from rambutan (Nephelium lappaceum L.) peel extract and thier photocatalytic activity	K. Thenmozhi and S. Stanly	Applied Chemistry	Ceramics International	2016-17	2728842	https://www.journals.elsevier.com/ceramics-international	https://www.sciencedirect.com/science/article/pii/S0272884215022683?via%3Dihub	Scopus
In-situ monitoring of local corrosion process of scratched epoxy coated carbon steel in simulated pore solution containing varying percentage of chloride ions by localized electrochemical impedence spectroscopy	T.Balusamy and T.Nishimura	Applied Chemistry	Electrochimica Acta	2016-17	134686	https://www.journals.elsevier.com/electrochimica-acta	https://www.sciencedirect.com/science/article/abs/pii/S001346861630295X	Scopus

Electrochemical behaviour of some alkyl substituted N-hydroxy-2,6-diarylpiperidin-4-one thiosemicarbazone and the antifungal studies of the products	JB.Veeramalini and G.Baskar	Applied Chemistry	Journal of Advances in Chemistry	2016-17	2321-807X	https://rajpub.com/index.php/jac	https://rajpub.com/index.php/jac/article/view/5748/5855	Other
Finite difference analysis of thermal radiation and MHD effects on flow past an oscillating semi-infinite vertical plate with variable temperature and uniform mass flux	Muthucumaraswamy R and Saravanan B	Applied Mathematics	Journal of Applied Fluid Mechanics	2016-17	1735 3572	https://jafmonline.net/web/guest/home	https://www.sid.ir/EN/JOURNAL/ViewPaper.aspx?ID=482019	Web of Science
Hall effects on flow past an exponentially accelerated infinite isothermal vertical plate with mass diffusion	Muthucumaraswamy R and Prema K M A	Applied Mathematics	Journal of Applied Fluid Mechanics	2016-17	1735 3572	https://jafmonline.net/web/guest/home	https://pdfs.semanticscholar.org/8b03/ac8b6d690bbbeee1d0b830deba3f6dee443e.pdf	Web of Science
MHD flow past a parabolic flow past an infinite vertical plate in the presence of thermal radiation and chemical reaction	Muthucumaraswamy R and Sivakumar P	Applied Mathematics	International Journal of Applied Mechanics and Engineering	2016-17	1734 4492	https://www.sciendo.com/journal/IJAME	https://doi.org/10.1515/ijame-2016-0006	Scopus
Runge-Kutta method for solving fuzzy differential equations under generalized differentiability	Kanagarajan K and Suresh R	Applied Mathematics	Computational and Applied Mathematics	2016-17	1807-0302	https://www.springer.com/journal/40314	https://link.springer.com/article/10.1007/s40314-016-0397-6	Web of Science
Hall effects on isothermal vertical plate with uniform mass diffusion in the presence of rotating fluid and chemical reaction of first order	Dhananjeyakumar VSA and Muthucumaraswamy R	Applied Mathematics	International Journal of Applied Mechanics and Engineering	2016-17	1734 4492	https://www.sciendo.com/journal/IJAME	https://ui.adsabs.harvard.edu/abs/2017IJAME..22..111D/abstract	Scopus

Effects of thermal radiation on an unsteady flow past over an vertical plate	Geetha E Muthucumaraswamy R and Kothandapani M	Applied Mathematics	International Journal of Pure and Applied Mathematics	2016-17	1311 8080	https://ijpam.eu/	https://www.researchgate.net/publication/329268609_Effects_of_thermal_radiation_on_an_unsteady_nanofluid_flow_past_over_an_vertical_plate	Scopus
Heat and Mass transfer effects on MHD flow past an exponentially accelerated vertical plate in the presence of Rotation and Hall current	Thamizhsudar M ,Muthucumaraswamy R and Bhuvaneswari A K	Applied Mathematics	Journal of Advanced Research in Dynamical and Control Systems	2016-17	1943023X	https://www.jardcs.org/backissues/index.html	https://www.jardcs.org/backissues/abstract.php?archiveid=322	Scopus
MHD flow past an exponentially accelerated vertical plate with variable temperature in the presence of rotation and Hall current	Thamizhsudar M and Muthucumaraswamy R and Muthuracku Alias Prema K.	Applied Mathematics	International Journal of Pure and Applied Mathematics	2016-17	13118080	https://ijpam.eu/	https://www.researchgate.net/publication/329268778_MHD_FLOW_PAST_AN_EXPONENTIALLY_ACCELERATED_VERTICAL_PLATE_WITH_VARIABLE_TEMPERATURE_IN_THE_PRESENCE_OF_ROTA	Scopus
Spirituality Through Mathematics	D. Meiyappan	Applied Mathematics	International Journal of Pure and Applied Mathematics	2016-17	13118080	https://ijpam.eu/	https://acadpubl.eu/jsi/2017-114-5/articles/1.pdf	Scopus
On Certain Topological Indices of Titanium dioxide Nanosheet and Nanotube	S Prabhu, M. Arulperumjothi, G. Murugan	Applied Mathematics	Nanoscience and Nanotechnology - Asia	2016-17	22106812	https://www.eurekaselect.com/694/journal/nanoscience-amp-nanotechnology-asia	https://www.eurekaselect.com/153363/article	Scopus
Thermal radiation and chemical reaction effects on exponentially accelerated vertical plate with variable temperature and uniform mass diffusion.	Santhana Lakshmi C and Muthucumaraswamy R	Applied Mathematics	International Journal of Engineering Sciences & Research Technology	2016-17	2277-9655	http://www.ijesrt.com/	http://www.ijesrt.com/issues%20pdf%20file/Archive-2016/June-2016/37_THERMAL%20RADIATION%20AND%20CHEMICAL%20REACTION%20EFFECTS%20ON%20EXPONENTIALLY%20ACCELERATED%20VERTICAL%20PLATE%20WITH%20VARIABLE%20TEMPERATURE%20AND%20UNIFORM	Other

Free convective heat and mass transfer induced by a constant mass flux on a parabolic started vertical plate with variable temperature.	Geetha E and Muthucumaraswamy R	Applied Mathematics	International Journal of Advanced Scientific technologies in Engineering and Management sciences	2016-17	2454-356X	http://www.ijastems.org/	http://www.ijastems.org/wp-content/uploads/2016/06/3.Free-Convective-Heat-And-Mass-Transfer-Induced-By-A-Constant-Mass-Flux-On-A-Parabolic-Started-Vertical-	Other
Hall effect on moving isothermal vertical plate with variable temperature and mass diffusion in the presence of rotating fluid	Muthucumaraswamy R and Muthuracku alias Prema	Applied Mathematics	International Journal of Advanced Scientific technologies in Engineering and Management sciences	2016-17	2454-356X	http://www.ijastems.org/	http://www.ijastems.org/wp-content/uploads/2016/08/Hall-Effect-on-Moving-Isothermal-Vertical-Plat-With-Variable-Temperature-And-Mass-Diffusion-In-Thepresence-of-Rotating	Other
Synthesis, growth, structural, optical, thermal, dielectric and mechanical studies of piperidinium p-nitrophenolate signal crystal	N.SwarnaSowmya, S,Sampath Krishnan, S.Sudhahar, M.Krishnankumar, R.Mohankumar	Applied Physics	Optik, Vol 127, 3024-3029, 2016	2016-17	0030-4026	https://www.sciencedirect.com/science/article/pii/S0030402615019749	https://doi.org/10.1016/j.ijleo.2015.12.065	Scopus
Quantum mechanical analysis, spectroscopic (FT-IR, FT-Raman, UV-Visible) study, and HOMO-LUMO analysis of (1S,2R)-2-amino-1-phenylpropan-1-ol using Density Functional Theory	Charanya C, Sampath Krishnan.S S and Balamurugan N	Applied Physics	Journal of Molecular Liquids,Vol.231 pp.116–125, 2017.	2016-17	1677322	https://www.sciencedirect.com/science/article/abs/pii/S0167732216314532	https://doi.org/10.1016/j.molliq.2017.01.096	Scoups
Effect of heavy metal pollution on groundnut (Arachis hypogaea L.) cultivar – A Spectroscopic study	K.Raju and K.Karpagavalli	Applied Physics	Adv. in Natural and Appl. Sciences, Vol.11,No.4, pp.120-122,2017.	2016-17	A498845522	https://go.gale.com/ps	https://go.gale.com/ps/i.do?id=GALE%7CA498845522&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=19950772&p=AONE&sw=w&userGroupName=tel_oweb&isGeoAuthType=true	others
Natural Bond Orbital(NBO),Natural population Analysis (NPA) and Non linear Optical Properties of (1S,2R)-2-amino-1-phenyl propan-1-ol-using DFT Method	Charanya, S Sampath Krishnan and N Balamurugan	Applied Physics	Spectroscopy and Spectral Analysis,Vol.37,No.9, pp.1-5,2016.	2016-17	10000593	http://www.gpxygpfx.com/EN/column/column105.shtml	http://www.cqvip.com/qk/90993x/201709/673241178.html	Scoups

Natural Population Analysis, Muliken analysis of Atomic Charges of 2-((2,3-Dimethylphenyl) Amino} Benzoic Acid" Spectroscopy and Specreal analysis	Balamurugan N Sampath Krishnan S and Charanya C	Applied Physics	Spectroscopy and Spectral Analysis,Vol.36,No.4, pp.1273-1276,2017.	2016-17	10000593	http://www.gpxygpfx.com/EN/column/column105.shtml	http://www.gpxygpfx.com/EN/abstract/abstract8362.shtml	scopus
Natural bond orbitial (NBO) , Natural Population analysis, Mulliken analysis of atomic charges of L . Alaniuim Oxalates	Charanya C,Sampath Krishan S and Balamurugan N	Applied Physics	Spectroscopy and Spectral Analysis,Vol.36,No.8, pp.2721-2724,2017.	2016-17	10000593	http://www.gpxygpfx.com/EN/column/column105.shtml	https://pubmed.ncbi.nlm.nih.gov/30074736/	scopus
Structural and spectral studies on benzoyl Thiourea based on DFT calculations	Kumutha R,Sampath KrishnanS, Rubarani.P.Gangadharan and Thirumalai Kumar M	Applied Physics	Journal of Advances in Chemistry,Vol.12, pp.4826-4844, 2016	2016-17	2321-807K	https://rajpub.com/index.php/jac	https://rajpub.com/index.php/jac/article/view/1957	others
Vibrational Spectra, Nbo, Homo-Lumo Analyses Of Furfural Semicarbazone	Kumutha R and SampathKrishnan S	Applied Physics	Journal of Advances in Chemistry, Vol.12, pp. 4845 - 4859,2016.	2016-17	2321-807K	https://rajpub.com/index.php/jac	https://rajpub.com/index.php/jac/article/view/2741	others
"Corrosion inhibition studies and Solvation Analysis of Pyridine N-oxides by Polarizable Continuum	Rubarani.P.Gangadharan and Sampath Krishnan. S	Applied Physics	Journal of Advances in Chemistry, Vol 13, pp.6196-6201,2016	2016-17	2321-807K	https://rajpub.com/index.php/jac	https://rajpub.com/index.php/jac/article/view/5680	others
effect of Gadolinium on the properties and photo – catalytic application of ZnO nano Crystals	Sampath Krishnan S and Kalpana Rajan	Applied Physics	Journal of Advances in Chemistry Vol.12,pp.4290-4294, 2016	2016-17	2321-807K	https://rajpub.com/index.php/jac	https://rajpub.com/index.php/jac/article/view/7537	others

Investigation on effect of machining parameters of end milling on surface finish and temperature using Technique	J.Venkatesan	AUT	DE GRUYTER – J.Manuf.sci.prod.	2016-17	2191-0375	https://www.degruyter.com/journal	https://www.degruyter.com/document/doi/10.1515/jmsp-2016-0030/html	Others
A Grey fuzzy modeling for evaluating surface roughness material removal rate of coated end milling insert	J.Venkatesan	AUT	Measurement	2016-17	0263-2241	https://www.journals.elsevier.com/measurement	https://185.236.37.180/article/preview/730818.pdf	Science Citation Index Expanded
Experimental and Mathematical Modelling in a DI-CI Engine with Spherical and Toroidal Combustion Chambers",	J.Venkatesan	AUT	TERI Information Digest on Energy and Environment	2016-17	0972-6721	https://www.teriin.org/	https://bookstore.teri.res.in/e_issue_text_1.php?oj_id=326&sector=778	Scopus
Study of Corrosion Behaviour of Tungsten Carbide, Aluminium Chromo Nitride Coated and Diamond Like Carbone Coated End Milling Insert	J.Venkatesan	AUT	International Journal of Chem Tech Research	2016-17	0974-4290	https://www.sphinxsai.com/chemtech.php	https://www.researchgate.net/publication/307017870_Study_of_corrosion_behaviour_of_tungsten_carbide_aluminium_chromo_nitride_coated_and_diamond_like_carbone_coated_end_milling	Scopus
Optimization of combustion chamber along with injection parameters for jatropha biodiesel blends in a single cylinder diesel engine using grade analysis and ANOVA.	S.Premnath	AUT	Oxidation Communications	2016-17	0209-4541	https://scibulcom.net/en/home	https://scibulcom.net/en/article/rKGDW1kTE4JfOYoaNH5Y	Scopus Indexed
A Simulation study of airflow in different types of combustion chambers for a single cylinder diesel engine	S.Premnath	AUT	Thermal Science	2016-17	0354-9836	http://thermalscience.vinca.rs/	https://www.semanticscholar.org/paper/A-simulation-study-of-air-flow-in-different-types-a-Sundaramoorthy-Gobalakichenin/8c8aac6d3bbef6944b9cabdd15e33bb64	Web of science (SCI Expanded)

Effect of injector nozzle on the performance, emission and combustion characteristics of single cylinder four stroke diesel engine	S.Premnath	AUT	International Journal: Advanced research methodology in engineering and technology, Vol.1, 2017.	2016-17	2454-4736	https://www.ijarmet.com	http://ijarmet.vtpree.com/volume-1-issue-2/	others
In silico and in vitro study of Mimosa pudica and the bactericidal activity of its phytocompound mimosine against methicillin resistant Staphylococcus aureues (MRSA)	Sulochana Somasundaram, Vishnupriya.S	Biotechnology	International Journal of Current Engineering and Research	2016-17	2334-847X / 2334-8496	International Journal of Current Engineering and Technology - Inpressco	https://www.semanticscholar.org/paper/INSILICO-AND-INVITRO-STUDY-OF-MIMOSA-PUDICA-AND-THE-omasundaram/576089c56c4eb729cf0a8fe156b0a3c95ca4c564	Others
Bayesian Medicine: an approach towards systematic diagnosis.	Ashok Palaniappan	Biotechnology	Chettinad Health City Medical Journal	2016-17	2001-0370	https://mjl.clarivate.com:/search-results?issn=2277-3657&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.chcmj.ac.in/pdf/vol5_no1/Bayesian_Medicine.pdf	Others
Fourier analysis of conservation patterns of protein secondary structure	Ashok Palaniappan	Biotechnology	Computational and Structural Biotechnology Journal, 2017.	2016-17	2001-0370	https://mjl.clarivate.com:/search-results?issn=2001-0370&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.sciencedirect.com/science/article/pii/S2001037016300976	Scopus/ Web of Science
A Review on Biogas Production from Tapioca Processing Industry	Bhargavi Narayanan, S. Prabhu	Biotechnology	International Journal of Current Engineering and Scientific Research	2016-17	NA	https://journals.indexcopernicus.com/search/details?id=45795	http://troindia.in/journal/ijcesr/vol4iss2/67-70.pdf	Scopus/ Web of Science
In silico binding analysis of Withanolides with the Human GM-CSFR	P.K.Praveen Kumar, M.Sivanandham and D.Lavanya	Biotechnology	Pakistan Journal of Pharmaceutical Sciences	2016-17	1011- 601X	https://www.pips.pk/	https://pubmed.ncbi.nlm.nih.gov/27393453/	Scopus/ Web of Science

A review on biological properties of Aloe vera plant	s Prabhu and s anandhan	Biotechnology	International Journal for Innovative Research in Science & Technology	2016-17	NA	https://mjl.clarivate.com:/search-results?issn=1011-601X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://issuu.com/ijirst/docs/ijirstv3i9067	Scopus/ Web of Science
Interaction studies on catecholamines Cellular receptors using in silico approach,	S. Kalaivannan, T. Vinothkambali, S. Prabhu, S. Visvanathan, N. Karpagam	Biotechnology	Artery Research	2016-17	1872-9312	https://mjl.clarivate.com:/search-results?issn=1872-9312&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.sciencedirect.com/science/article/abs/pii/S1872931217300054	Scopus/ Web of Science
Isolation, Purification and Characterization of Boeravinone B from Boerhaavia Diffusa Linn	PK Praveen Kumar, M Sivanandham, M Akila, S Prabhu	Biotechnology	International Research Journal of Pharmacy	2016-17	2230-8407	https://www.irjponline.com/	https://www.irjponline.com/admin/php/uploads/2839_pdf.pdf	Scopus/ Web of Science
Production of protease from biodesealwqste derived semipurified glycerol,	Sumitha, Linekha and M.Sivanandham	Biotechnology	Indian Journal of Biotechnology	2016-17	0972-5849	https://mjl.clarivate.com:/search-results?issn=0972-5849&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	http://nopr.niscair.res.in/bitstream/123456789/43331/1/IJBT%2016%283%29%20387-395.pdf	Scopus/ Web of Science
Surveillance of variant mecA gene and analysis of efflux pump in mecA negative MRSA infections,	V Karthikeyan, Sulochana Somasundaram, Catherine L K Jayaprakash	Biotechnology	Pakistan Journal of Pharmaceutical Sciences	2016-17	1011-601X	https://mjl.clarivate.com:/search-results?issn=1011-601X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://pubmed.ncbi.nlm.nih.gov/29105636/	Scopus/ Web of Science
Isolation of garcinone E from Garcinia mangostana Linn and its cytotoxic effect on sp2/0 cell lines	R Suchitra, K Moghana Priya, S Prabhu	Biotechnology	Journal of Pharmacognosy &Phytochemistry	2016-17	2349-8234	https://mjl.clarivate.com:/search-results?issn=1011-601X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-	https://www.phytojournal.com/archives?year=2017&vol=6&issue=5&ArticleId=1632	Scopus/ Web of Science

Hepatoprotective effect of supplementary feed hydrilla verticillata against lead induced acute liver toxicity in fish,	Pandi Prabha S and Johanna Rajkumar	Biotechnology	International Research Journal of Pharmacy	2016-17	2230-8407	https://www.irjponline.com/	https://www.semanticscholar.org/paper/HEPATOPROTECTIVE-EFFECT-OF-SUPPLEMENTARY-FEED-LEAD-PandiPrabha-Rajkumar/8bd8743a01373c46c01ba2cc0e383c92a2ad2	Others
DIFFERENT MODES OF ELECTRODEIONIZATION OF CESIUM FROM AMP-PAN	Ch. Mahendra , P.M. Satya Sai , C. Anand Babu	Chemical Engineering	IJRET: International Journal of Research in Engineering and Technology	2016-17	eISSN: 2319-1163 | pISSN: 2321-7308	https://ijret.org/	https://ijret.org/volumes/2016v05/i27/IJRET20160527007.pdf	others
CARBON DIOXIDE CAPTURE BY ADSORPTION USING SULFUR DOPED CARBON MATERIAL	G.Thayanidhi, R.Palani, N.Meyyappan, R.Parthiban	Chemical Engineering	Environmental Science: An Indian Journal	2016-17	0974 - 7451	https://www.tsijournals.com/journals/environmental-science-an-indian-journal.html	https://www.tsijournals.com/articles/carbon-dioxide-capture-by-adsorption-using-sulfur-doped-carbon-material.pdf	others
TREATMENT OF TANNERY EFFLUENT USING A ROTATING DISC ELECTROCHEMICAL REACTOR.	Dr. R. Palani	Chemical Engineering	Water Environment Research	2016-17	1061-4303	https://onlinelibrary.wiley.com/journal/15547531	https://onlinelibrary.wiley.com/doi/10.2175/106143016X14609975746046	Web of science
A REVIEW ON COMPUTATION FLUID DYNAMICS STUDIES IN DRYING PROCESSES	S.Rajasekar*, N.Meyyappan, D.G.Rao	Chemical Engineering	Journal of FOOD SCIENCE RESEARCH -review	2016-17	NA	https://www.tsijournals.com/journals/journal-of-food-science-research.html	https://www.tsijournals.com/abstract/a-review-on-computation-fluid-dynamics-studies-in-drying-processes-802.html	others
STUDY ON THE TREATMENT OF DAIRY EFFLUENT USING CHLORELLA VULGARIS AND PRODUCTION OF BIOFUEL (ALGAL TREATMENT OF DAIRY EFFLUENT)	C.Swetha , K.Sirisha , D.Swaminathan, V.Sivasubramanian	Chemical Engineering	BioTechnology An Indian Journal	2016-17	0974 - 7435	https://www.tsijournals.com/journals/biotechnology-an-indian-journal.html	https://www.tsijournals.com/abstract/study-on-the-treatment-of-dairy-effluent-using-chlorella-vulgaris-and-production-of-biofuel-algal-treatment-of-dairy-eff-2215.html	others

DYNAMIC SIMULATION OF DOUBLE PIPE HEAT EXCHANGER USING MATLAB SIMULINK	Asoka R.G, 2Aishwarya N, 3Rajasekar S and 4Meyyappan N	Chemical Engineering	International Journal of Chemical Engineering Research	2016-17	2394 - 5370	https://www.internationaljournalssrg.org/IJCER/index.html	http://www.internationaljournalssrg.org/IJCER/paper-details?Id=5	others
DRYING OF CHICKPEAS (CICER ARIETINUM) AND BLACK EYED PEAS (VIGNA UNGUICULATA)	Rajasekar S, Arvind B, Meyyappan N	Chemical Engineering	International Journal of Chemical Engineering Research	2016-17	2394 - 5370	https://www.internationaljournalssrg.org/IJCER/index.html	https://www.internationaljournalssrg.org/IJCER/paper-details?Id=6	others
DYNAMIC SIMULATION OF TRANSIENT HEAT CONDUCTION WITH CONSTANT HEAT FLUX	Manoj Prabagar. S, Rajasekar. S, Meyyapan. N	Chemical Engineering	International Journal Of Innovative Research In Management, Engineering And Technology	2016-17	2581-3404	http://www.ijirtm.com/	https://drive.google.com/file/d/1pX-kyNaVMFeGf48voGp4ifisqBPH6rQR/view?usp=sharing	others
Durability of Alumina Silicate Concrete based on slag/Flyash blends against acid and chloride Environments	Gopalakrishnan Rajagopalan & Chinnaraju Komarasamy	Civil Engineering	Materials and Technology, Vol.50, No.6, Pg.929-937	2016-17	1580-3414	http://mit.imt.si/#	http://mit.imt.si/izvodi/mit166/gopala.pdf	Others
Sign Language Recognition Using Convolutional Neural Networks	N. Priyadharsini, N. Rajeswari	CSE	International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)-,Volume 5 Issue 6, pp: 625 – 628	2016-17	2321-8169	https://ijritcc.org/	https://ijritcc.org/index.php/ijritcc/article/view/824	Others
Perlustration of Deaf-And-Dumb Alphabet Detection and Interpretation	Priyadharsini N, Rajeswari N	CSE	International Journal of Engineering Development and Research (IJEDR),Volume.5, Issue 2, pp.473-476	2016-17	2321-9939	https://www.ijedr.org/	https://www.ijedr.org/papers/IJEDR1702083.pdf	Others

Dynamic Time Warping Approach for User Authentication of Smartphones Using Single-handed Shakes	Athithyaa Selvam, Anandrajalu R, Bharat Chandra C	CSE	International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC),Volume 5 Issue 4,PP: 345 – 350	2016-17	2321-8169	https://ijritcc.org	https://ijritcc.org/index.php/ijritcc/article/download/414/414/	Others
Object Detection Based on Background Substraction and Dynamic Texture Scenes	P. Priyadharshini, R. Jayabhaduri,	CSE	International Journal of Scientific Engineering and Technology Research, vol 5, Issue 15, June 2016. pp. 2912-2915	2016-17	ISSN: 2319-8885	http://ijsetr.com/	http://ijsetr.com/uploads/216453IJSETR9841-523.pdf	Others
Improving the provisioning of On-demand data in cloud bigdata	Gerly Eldose, R. Anitha	CSE	International Journal of Science and Innovative Engineering and Technology (IJSIET)	2016-17	978-81-904760-9-6	https://www.ijsiet.org/	https://www.ijsiet.org/vol12017/229.pdf	Others
Authentication Schemes For Session Passwords Using Text And Colors	Nirmala B, Manigandan T, Kumanan K	CSE	International Journal of Engineering Development and Research (IJEDR), 2321-9939, Volume.5, Issue 2, pp.966-968	2016-17	2321-9939	https://www.ijedr.org/	https://www.ijedr.org/papers/IJEDR1702162.pdf	Others
Vehicle License Plate Tracking And Owner Details Identification	Jayapradha, S., Manikandan, S.P.	CSE	International Journal of Informative & Futuristic Research , Vol. 4 No. (8), pp. 7071-7078	2016-17	2347-1697	https://journals.indexcopernicus.com/search/details?id=32548	https://drive.google.com/file/d/1EV_r-yqw6ZOOgK5WZ1EOnP59AbLo9ujX/view?usp=sharing	Others
An User Aware article-article recommendation system using hierarchical clustering	V. Nagamalini, T. Kumaran	CSE	International Journal of Informative & Futuristic Research	2016-17	2347-1697	https://journals.indexcopernicus.com/search/details?id=32548	https://www.semanticscholar.org/paper/An-User-Aware-Article-Article-Recommendation-System/d0d2dc5397336eb83e01442de74b4f9dff70181d	Others

An associated mining approach for promoting sales of infrequent items using AIF algorithm	A. Lavanya, S. Rajalakshmi	CSE	International Journal of Informative & Futuristic Research	2016-17	2347-1697	https://journals.indexcopernicus.com/search/details?id=32548	https://drive.google.com/file/d/1OMJ1gtmBLdbJ2D7OoFIJC3fp8hUvNre9/view?usp=sharing	Others
Improving the performance of face recognition across gender transformation using Machine Learning Techniques	V. S. Vidhyalakshmi, R. Bhuvaneswari	CSE	International Journal of Informative & Futuristic Research	2016-17	2347-1697	https://journals.indexcopernicus.com/search/details?id=32548	https://drive.google.com/file/d/1rxu59CbyTasPM92ZoN_JYONvhIF4yxKf/view?usp=sharing	Others
Feature Based Opinion Mining of Customer Review with Entity Chunking Technique	Merlin Monisha A, R. Nedunchelian	CSE	International Journal of Informative & Futuristic Research	2016-17	2347-1697	https://journals.indexcopernicus.com/search/details?id=32548	https://drive.google.com/file/d/1T69CMwkP670fgbgQFiNU50vhu4PGTr3d/view?usp=sharing	Others
Probabilistic ontology based activity recognition in smart homes using Markov Logic Network	K.S. Gayathri, K.S. Easwarakumar	CSE	Knowledge-Based Systems	2016-17	0950-7051	https://www.sciencedirect.com/journal/knowledge-based-systems/about/editorial-board	http://dx.doi.org/10.1016/j.knosys.2017.01.025	Others
A Semantic Question Answering System For Multiple Languages Using Statistical Technique	B. Nirmala, K. Kumanan	CSE	International Journal of Informative & Futuristic Research	2016-17	2347-1697	https://journals.indexcopernicus.com/search/details?id=32548	https://drive.google.com/file/d/1ByUNQejr7Xs3VJUllkyon4q8KffjM3HQ/view?usp=sharing	Others
Remote Access and Control in Android Mobile	T. Manigandan, B. Nirmala,K. Kumanan	CSE	International Journal of Informative & Futuristic Research	2016-17	2347-1697	https://journals.indexcopernicus.com/search/details?id=32548	https://drive.google.com/file/d/1u9qAKHWN6UnoZIm9HQv4lSvQ5w1AIbRF/view?usp=sharing	Others

Implementation of overlay routing based mutlicasting using SDN controller in cloud	N. Saheem Mariam, K. Srinivasan	CSE	International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE)	2016-17	0976-1353	https://www.ijetcse.com/	https://drive.google.com/file/d/189hWVFDPzNOXi9-rK37kidMg5d2uH4Ul/view?usp=sharing	Others
Detecting And Classifying Diabetic Retinopathy In Fundus Retina Images Using Artificial Neural Networks-Based Firefly Clustering Algorithm	K. Malathi and R. Nedunchelian	CSE	ARPN Journal of Engineering and Applied Sciences	2016-17	1819-6608	http://www.arpnjournals.org/	http://www.arpnjournals.org/jeas/research_papers/rp_2016/jeas_0316_3825.pdf	Scopus
Detecting Breast Cancer From Mammogram Images Using A Haar Wavelet Filter With Threshold-Based Segmentation	B. Regina, R. Nedunchelian	CSE	Emerging Technologies in Networking and Security (ETNS) special issue	2016-17	0976-3104	https://www.iioab.org/	https://www.iioab.org/articles/IIOABJ_7.9_634-643.pdf	Others
An improved Wrapper Generation using Self Organizing Maps and Meta Heuristic Technique for Web based Biomedical Data Mining", Journal of Medical Imaging and Health Informatics	T. Veeramani, R. Nedunchelian	CSE	Journal of Medical Imaging and Health Informatics,vol 6, 1581-1584	2016-17	2156-7018	https://www.ingentaconnect.com/	https://www.ingentaconnect.com/contentone/asp/jmihi/2016/00000006/00000007/art00007	Scopus
Gene Selection from Microarray Data using Binary Grey Wolf Algorithm for Classifying Acute Leukemia	S. P. Manikandan, R. Manimegalai	CSE	Current signal Transduction Therapy, Bentham Science, 11,pg. 76-83	2016-17	1574-3624	https://www.eurekaselect.com/	https://www.eurekaselect.com/node/143034/article/gene-selection-from-microarray-data-using-binary-grey-wolf-algorithm-for-classifying-acute-leukaemia	Scopus
Fingerprint Image Enhancement Using Haer Based Wavelet Transform Over Other Techniques	Thivakaran T. K, P.S.V.V.N Chnuukya and S. Vijaybanu	CSE	Asian Journal of Information Technology, pp. 323-328	2016-17	1682-3915	https://medwelljournals.com/	https://medwelljournals.com/abstract/?doi=ajit.2016.323.328	Scopus

Graph And SINR Based Interference Modeling And Routing In MANET	N. M. Balamurugan, S. Appavu Alias Balamurugan	CSE	International Journal of Advanced Engineering Technology	2016-17	0976-3945	https://www.technicaljournalsonline.com/	https://www.technicaljournalsonline.com/ijeat/VOL%20VII/IJAET%20VOL%20VII%20ISSUE%20II%20APRIL%20JUNE%202016/20167252.pdf	Others
Performance analysis of Ad-hoc on-demand Distance Vector Routing Protocol	N. M. Balamurugan, S. Appavu Alias Balamurugan	CSE	Indian Journal of Science and Technology, Vol 9(4)	2016-17	0974-5645	https://indjst.org/	https://indjst.org/articles/performance-analysis-of-ad-hoc-on-demand-distance-vector-routing-protocol	Scopus
An Intelligent Information Retrieval Approach for Extracting Pills from Fabric Surface Using Subjective and Objective Methods	Dr.P. Janarthanan, K. Banumathi and B. Nethaji	CSE	International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 4	2016-17	2320-4387	http://ijppas.com.viewsforcash.com/	https://drive.google.com/file/d/1hmadupVgbjnZWsAnpFczk9OYghmZ7qAb/view?usp=sharing	Others
Study on Search Engine Optimization Technique in Health Care System using Cloud Data	R. Kavitha, R. Nedunchelian	CSE	Research Journal of Applied Sciences and Technology 13(6): 432-441	2016-17	2040-7459	https://pdfs.semanticscholar.org/7a2f/a7bcc0ea9b2ef349f71fa4c943620fee7d01.pdf?_ga=2.111051907.760257463.1631685459-2131449621.16316854	https://pdfs.semanticscholar.org/7a2f/a7bcc0ea9b2ef349f71fa4c943620fee7d01.pdf?_ga=2.111051907.760257463.1631685459-2131449621.1631685459	Scopus
A Review of Mobile Adhoc Networks	V.M. Gayathri, R. Nedunchelian	CSE	Middle-East Journal of Scientific Research 24 (11):3485-3494	2016-17	1990-9233	https://www.idosi.org/mejsr/mejsr.htm	https://www.idosi.org/mejsr/mejsr24(11)16/20.pdf	Scopus
Speech Emotion Recognition using Global Alignment Kernel with Large Margin Nearest Neighbor Classifier	Amudha M, Rajeswari. N	CSE	International journal of Advanced engineering Technology	2016-17	0976-3945	https://www.semanticscholar.org/paper/SPEECH-EMOTION-RECOGNITION-USING-GLOBAL-ALIGNMENT-Amudha-Ma/ba8ab72e56ba3de	https://www.semanticscholar.org/paper/SPEECH-EMOTION-RECOGNITION-USING-GLOBAL-ALIGNMENT-Amudha-Ma/ba8ab72e56ba3de8e00e9ecf3ce568acb787cd10	Others

SSASD: Semantic and Syntax Aware Service Discovery for Heterogeneous Application in Pervasive Computing	Subashchandar A, Jayakumar C	CSE	International Science Press IJCTA, 9(9),pp. 4163-4173	2016-17	1097-007X	https://serialsjournals.com/	https://serialsjournals.com/abstract/86637_72-subash.pdf	Others
CICV: Cross Indexing and Cross Verification Algorithm Based Service Discovery in Pervasive Computing	A. Subashchandar, C Jayakumar	CSE	International Journal of Engineering and Technology (IJET), pp. 1712-1718	2016-17	0975-4024	http://www.enggjournals.com/	http://www.enggjournals.com/ijet/abstract.html?file=16-08-04-411	Others
An Efficient Detection And Countermeasure Of A Jellyfish Attack Using Dmpd Algorithm In Manet	K. Srinivasan, G. Sumathi	CSE	International Journal of Emerging Technology in Computer Science & Electronics	2016-17	0976-1353	https://www.ijtra.com/	https://www.ijtra.com/special-issue-view.php?paper=analysis-and-avoidance-of-jellyfish-attack.pdf	Others
LTE Based High Performance Intelligent Transportation System using Multi-HOP Clustering	T. Rajasekaran, K. Dhinakaran	CSE	Middle-East Journal of Scientific Research 24 (11): 3495-3500	2016-17	1990-9233	https://www.idosi.org/	https://www.idosi.org/mejsr/mejsr24(11)16/21.pdf	Scopus
A Survey on Security Threats for Cloud Computing & How to Overcome These Challenges	Saroja V. Umamaheswari. S. K	CSE	International Journal of Engineering and Management Research, Vol 6	2016-17	2394-6962.	https://www.indianjournals.com	https://www.indianjournals.com/ijor.aspx?target=ijor:ijemr&volume=6&issue=6&article=056	Others
A New Proposed Hadoop Search (Hasear) Algorithmon Hadoop Framework Using Data Warehouse	T.K. Thivakaran and C. Jaya Kumar	CSE	International Journal of Middle-East Journal of Scientific Research 24 (11): 3510-3514	2016-17	1990-9233	https://www.idosi.org/	https://www.idosi.org/mejsr/mejsr24(11)16/23.pdf	Others

A self Intelligent Learner Identification to Increase Self-Efficacy for Enhanced Learning Performance	M.Mohammed Thaha & C. Jayakumar	CSE	International Journal of u- and e- service, Science and Technology Vol.,9 No.8 (2016), pp. 209-226	2016-17	2005-4246	https://www.academia.edu/2	https://www.academia.edu/29591912/A_Self_Intelligent_Learner_Identification_to_Increase_Self-Efficacy_for_Enhanced_Learning_Performance	Others
Generative Model-Driven Feature Learning for dysarthric speech recognition	Rajeswari, N., & Chandrakala, S	CSE	Biocybernetics and Biomedical Engineering	2016-17	0208-5216	https://www.sciencedirect.com/	https://www.sciencedirect.com/science/article/pii/S0208521616301097	Scopus
Probabilistic Relational Model based approach for Decision Support Systems	Anu Inba Mozhi R.S. and Gayathri K.S	CSE	International Journal of Control Theory and Applications (IJCTA) Volume 9(10), pp. 453-461	2016-17	0974-5572	https://serialsjournals.com/index.php?route=product/product&product_id=365	http://www.ijecs.in/index.php/ijecs/article/view/2060	Scopus
Iterative Success Variety Method for joined words in tamil language	D. Umamageswari, K. Kumanan	CSE	International Journal of Engineering and Computer Science, Vol 5, Issue 6, Pg. 17113-17126	2016-17	2319-7242	http://www.ijecs.in/	http://www.ijecs.in/index.php/ijecs/article/view/2060	Others
Face To Face and Online Mobile Learning System	J.M. Gnanasekar, D. MIEYAPPAN	CSE	The Online Journal of Distance Education and e-Learning, Vol. 4 issue 3, pp. 33-41	2016-17	2147-6454	https://www.researchgate.net/	https://www.researchgate.net/publication/304674005_FACE_TO_FACE_AND_ONLINE_MOBILE_LEARNING_SYSTEM	Others
Path observation-based physical routing protocol for wireless ad hoc networks	Rajesh M, J.M. Gnanasekar	CSE	International Journal of Wireless and Mobile Computing (IJWMC), Vol. 11, No. 3. pp. 244-257	2016-17	1572-834X	http://www.springerlink.com/openurl.asp?genre=journal&issn=0929-6212	https://link.springer.com/article/10.1007/s11277-017-4565-9	Scopus

An Event Graph Based Document Representation for Information Retrieval and Summarazing the Text Based on Events	P. Janarthanan, V. Ramachandran	CSE	Asian Journal of Information Technology 15(18), 3531-3537	2016-17	1682-3915	https://medwelljournals.com/	https://medwelljournals.com/abstract/?doi=ajit.2016.3531.3537	Scopus
Mining Patterns from 9-1-1 Calls Dataset	Balasubramanian, Athithyaa Selvam	CSE	International Journal of Applied Information Systems (IJAIS)	2016-17	2249-0868	https://www.ijais.org/	https://www.ijais.org/archives/volume11/number7/selvam-2016-ijais-451632.pdf	Others
Detection of Brain Tumor by Image Fusion Using Genetic Algorithm	SL Jany Shabu, Jayakumar C	CSE	Research Journal of Pharmaceutical, Biological and Chemical Sciences	2016-17	2222-1719	https://iiste.org	https://iiste.org/Journals/index.php/CEIS/article/download/38617/39714	Scopus
Mining Patterns from 9-1-1 Calls Dataset	Balasubramanian, Athithyaa Selvam, Thivakaran T. K	CSE	International Journal of Applied Information Systems (IJAIS)	2016-17	2249-0868	https://www.ijais.org/	https://www.ijais.org/archives/volume11/number7/selvam-2016-ijais-451632.pdf	Others
Representation learning based speech assistive system for persons with dysarthria	Chandrakala, S., Rajeswari, N.	CSE	IEEE Transactions on Neural Systems and Rehabilitation Engineering, 25(9), 1510-1517	2016-17	1534-4320	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7333	https://ieeexplore.ieee.org/abstract/document/7782309?casa_token=YNUYIsaBbWEAAAAA:I4aojxcXjMFCJbve3xukwZSlwFJvAhkWYQIk7ety9PqUE6wIKmEoMWolHaSoBS65Z6IqS94Cog	Scopus
Simulation of Switched Reluctance Motor Drive for Electric Vehicle Application	Dr.Nalin Kant Mohanty JeffyFelcia Sharon	EEE	International Journal of Advanced Research in Electrical, Electronics and Instrumentation	2016-17	2278 – 8875	https://www.ijareeie.com/	https://www.ijareeie.com/upload/2017/ncaeee/10_P36J.PDF	Scopus

Modified Zeta Converter with Power Factor Correction for Arc Welding	D. Amudhavalli R. Subasri and S. Sudharsanam	EEE	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2016-17	2278 – 8875	https://www.ijareeie.com/	https://www.ijareeie.com/upload/2017/ncaeee/14_P44J.PDF	scopus
Comparative Analysis of Control Strategies for 13 Level Cascaded H-Bridge Multilevel inverter for Induction Motor	D.S.Purushothaman and A.Karthikeyan	EEE	CIIT International Journal of Programmable Device Circuits and Systems	2016-17	0974–9624	http://ischolar.info/index.php/CiiTPDCS	http://ischolar.info/index.php/CiiTPDCS/article/view/140911	others
Speed Control of Three Phase Induction Motor using 13-Level Cascaded H-Bridge Multilevel inverter with PID, Fuzzy and ANFIS Controller	D.S.Purushothaman and A.Karthikeyan	EEE	International Journal of Advanced research Electrical, Electronics and Instrumentation Engg.,	2016-17	2278 – 8875	https://www.ijareeie.com/	https://www.ijareeie.com/upload/2017/ncaeee/15_P45J.PDF	Scopus
Control of PMSG based variable speed wind turbines for voltage regulation	S.Kumaravel and R.Sundaravel	EEE	International Journal of Advanced research Electrical, Electronics and Instrumentation Engg.,	2016-17	2278 – 8875	https://www.ijareeie.com/	https://www.ijareeie.com/upload/2017/ncaeee/11_P37J.PDF	Scopus
Modeling and Simulation of Three Phase D-SVC for Load	NalinkantMohanty Ashwin Kumar Sahoo Sarat Kumar Sahu	EEE	International Journal of Power Electronics and Drive System	2016-17	2722-256X	http://ijpeds.iaescore.com/index.php/IJPEDS/index	http://ijpeds.iaescore.com/index.php/IJPEDS/article/view/6154	Scopus
Structural and Electrical properties of ZnOnanorod based dye sensitized solar cell	Krithivasan R, Brahadeeswaran S, Santha KR, Sampath Krishnan S and Senthil T S	EEE	Journal of Advances in Chemistry, Vol.12, pp. 4275-4280, 2016. Impact factor : 1.778	2016-17	2 3 2 1-807X	https://rajpub.com/index.php/jac/index	https://rajpub.com/index.php/jac/article/view/6096/6020	Others

Design and Implementation of Claw Pole Alternator for Aircraft Application	Deepak Arumugam, Premalatha Logamani and Santha KR	EEE	Applied Computational Electromagnetics society Journal, Vol. 31, pp.582-590, 2016. Impact factor : 0.8	2016-17	1943-5711	https://www.riverpublishers.com/journals.php	https://journals.riverpublishers.com/index.php/ACES/article/view/10127/8445	Others
FUZZY based Cuk Controlled Closed loop Excitation System for a Synchronous Generator with Improved Dynamic Response	Deepak Arumugam, Premalatha Logamani and Santha KR	EEE	Asian Journal of Research in Social Sciences and Humanities,Vol. 6, pp.81-99, 2016. Impact factor : 4.557	2016-17	2249-7315	https://www.indianjournals.com/ijor.aspx	https://www.indianjournals.com/ijor.aspx?target=ijor:ajrssh&volume=6&issue=9&article=007	Others
A Novel GDI-MUX Based Low Power-High Speed 1-BIT Full Adder	Santha K R and Ponsudha P	EEE	International Journal of Advanced Engineering Technology, Vol. VII, 2016.	2016-17	0976-3945	https://www.technicaljournalsonline.com/ijeat/	https://www.technicaljournalsonline.com/ijeat/VOL%20VII/IJAET%20VOL%20VII%20ISSUE%20II%20APRIL%20JUNE%202016/201672185.pdf	Others
A FIS-GA combined approach for transmission congestion management in restructured power system	Mohanty N K and Saswati Behera	EEE	Int. J. Mathematical Modelling and Numerical Optimization,Vol. 7, pp.307-322, 2016.	2016-17	2040-3615	https://www.inderscience.com/jhome.php?jcode=ijmmno	https://www.inderscience.com/info/inarticle.php?artid=81889	Scopus
A Novel Generic Battery Modeling Approach for Power SystemSimulation Applications	Sankar M and Kumudini Devi R P	EEE	Journal of Advances in Chemistry, Vol. 12, pp. 4884 – 4894, 2016. Impact factor : 1.778	2016-17	2 3 2 1 - 8 0 7 X	https://rajpub.com/index.php/jac/	https://rajpub.com/index.php/jac/article/download/708/691/902	Others
A Bi-Polar Triple OUtput Converter with Duty Cycle Estimation	Sundararaman K and Gopala Krishnan M	EEE	Circuits and Systems, Vol.6, pp.198-210, 2016.Impact factor: 1.01	2016-17	2153-1293	https://www.scirp.org/journal/cs/	https://www.scirp.org/pdf/cs_2016041917072985.pdf	Others

CASCADED H Bridge inverter motor drive for Electric Vehicle Applications	Bharathidasan S G and Akshaya S R	EEE	International Journal of Advances in Electrical power system and information Technology, Vol.2, pp.16-21, 2016. Impact factor : 0.454	2016-17	2395-6151	http://troindia.in/journal/ijaepsit/index.html	http://troindia.in/journal/ijaepsit/vol2iss3/16-21.pdf	Others
AN APPLICATION ORIENTED INTERFACING OF KEYBOARD WITH MIPS SIMULATOR	P. Kopperundevi, Dr.S.Muthukumar	ECE	International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353 Volume 24 Issue 9 – JUNE 2017, PP 16-20	2016-17	0976-1353	https://www.ijetcse.com	https://www.ijetcse.com/view_paper.php?id=32&iid=32	others
Realization of Soft Processor using Xilinx	T.Deepa, S. Muthukumar	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Volume 24 Issues 9 - June 2017, PP 40-47	2016-17	0976-1353	https://www.ijetcse.com	https://www.ijetcse.com/view_paper.php?id=32&iid=32	others
Design and development of approximate multiplier using URDHVA ALGORITHM	N.Mageshwari, G.A.Sathish Kumar	ECE	International Journal of Emerging Technology in Computer Science and Electronics	2016-17	0976-1353	https://www.ijetcse.com	https://www.ijetcse.com/admin/uploads/DESIGN%20AND%20DEVELOPMENT%20OF%20APPROXIMATE%20MULTIPLIER%20USING%20REVERSIBLE%20LOGIC_1604744894.pdf	others
Performance Analysis of high efficient CAM using Parity bit and gated circuits	M Manimaraboopathy*, G A Sathish Kumar, M Anto Bennet.	ECE	Research Journal of Pharmaceutical, Biological and Chemical sciences, Page 1220	2016-17	0976-1353	https://www.rjpbcs.com/	https://www.rjpbcs.com/pdf/2017_8(1)/[154].pdf	others
Modular Multiplication Algorithm in Cryptographic Processor: A Review and Future Directions	Poomagal C. T, Dr. Sathish Kumar G. A	ECE	International Journal of Advances in Computer and Electronics Engineering	2016-17	2456 - 3935	http://www.ijaceeonline.com	http://www.ijaceeonline.com/VOL2ISS2/IJACEE_FPV2I2P5.pdf	others

Dual-Mode X-Band Bandpass Filter Using Stepped Impedance Resonator And Vias	D.Bharathi, Dr.H.Umma Habiba	ECE	International Journal of Innovative Research in Computer and Communication Engineering Vol. 5, Special Issue 3, April 2017	2016-17	ISSN(Online) : 2320-9801, ISSN (Print): 2320-9798	https://www.ijircce.com/	http://www.ijircce.com/special-issues/pdf/2017/april/17_I2.pdf	others
Upper UWB Interference Free Filter Using Dumb-Bell Resonator and Vias	Dr.H.Umma Habiba, M.Aishwarya, Kavyashri Parameswaran, Minakshy.R, Mohit Jhunjhunwala	ECE	International Journal of Scientific Development and Research (IJSDR),ISSN:2455-2631, Volume 1, Issue 9, September 2016	2016-17	2455-2631	https://www.ijsdr.org	https://www.ijsdr.org/papers/IJSDR1609022.pdf	others
Miniaturised X band filter for satellite application	D.Bharathi, Kothari Eshwar Chandra, Dr.H.Umma Habiba	ECE	International Journal of current engg and sci res. (IJCESR) ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697, VOLUME-3, ISSUE-11	2016-17	2393-8374	http://troindia.in/journal/ijcesr/index.html	http://troindia.in/journal/ijcesr/vol3iss11/5-8.pdf	others
Microstrip open loop resonator using dual feed techniques for Wireless Application	Rohit.T, Rishabh Ramesh, Sai Gopal Abhishek, Dr.H.Umma Habiba4, R.Sandhya	ECE	IOSR Journal of Electronics and Communication Engg. (IOSR-JECE)ISSN: 2278-2834, ISSN: 2278-8735 Vol. 11, Issue 5, PP 13-15	2016-17	ISSN: 2278-2834, ISSN: 2278-873	www.iosrjournals.org	https://www.iosrjournals.org/iosr-jece/papers/Vol.%2011%20Issue%205/Version-2/C1105021315.pdf	others
THROUGHPUT MAXIMIZATION FOR FULL-DUPLEX COGNITIVE RADIO NETWORKS USING ARTIFICIAL BEE COLONY (ABC) OPTIMIZATION	Deepika.S, Padmavathi.G	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	http://www.ijircce.com/	http://www.ijircce.com/special-issues/pdf/2017/april/30_I16.pdf	others
DESIGN AND IMPLEMENTATION OF WIDEBAND ANTENNA USING DEFECTED GROUND STRUCTURE(DGS) FOR ULTRA WIDEBAND APPLICATION	S.Vijayalakshmi, P.Jothilakshmi	ECE	International Journal of Innovative Research in Computer and Commn. Engg. Vol. 5, Special Issue 3	2016-17	2320-9802	http://www.ijircce.com/	http://www.ijircce.com/special-issues/pdf/2017/april/29_I15.pdf	others

Design of Multilayer Microstrip Patch Antenna for Satellite Application	K.Jothilakshmi, Dr.P.Jothilakshmi	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9803	http://www.ijircce.com/	http://www.ijircce.com/special-issues/pdf/2017/april/32_I19.pdf	others
Design and analysis of Circular Patch Fractal Antenna for Radar Application	A. Arun Kumar and P. Jothilakshmi	ECE	Middle-East Journal of Scientific Research	2016-17	1990-9233	https://www.idosi.org	https://www.idosi.org/mejsr/mejsr24(S1)16/9.pdf	others
Performance Enhancement of Modified Multiband Stacked Microstrip Patch Antenna for Wireless Communication	K. Shahida Salma and P. Jothilakshmi	ECE	Middle-East Journal of Scientific Research	2016-17	1990-9234	https://www.idosi.org	https://idosi.org/mejsr/mejsr24(IIECS)16/19.pdf	others
MULTIFEATURE BIOMETRIC BASED AUTHENTICATION SYSTEM	J. Jose Nisha, R.Gayathri	ECE	International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Volume 6, Issue 3, May- June 2017	2016-17	2278-6856	https://www.ijettcs.org	https://www.ijettcs.org/Volume6Issue3/IJETTCS-2017-05-31-49.pdf	others
Folded Architecture for Adaptive Digital Filter	Nadar James Francis Joseph Roy, S R Malathi	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	http://www.ijircce.com/	http://www.ijircce.com/special-issues/pdf/2017/april/41_I17.pdf	others
COMPARING THE BRAIN REGIONS OF HEALTHY CONTROLS AND ADHD	F.Fincy Mol, K. Thaiyalnayaki	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	http://www.ijircce.com/	http://www.ijircce.com/special-issues/pdf/2017/april/36_I23_N.pdf	others

Time series analysis and identification of rsn using GLM-ICA two class classifier.	SP Thaiyalnayaki, O Uma Maheswari	ECE	Biomedical Research 2016; Special Issue: S60-S67, ISSN 0970-938X	2016-17	ISSN: 0970-938X	https://www.biomedres.info	https://www.biomedres.info/biomedical-research/time-series-analysis-and-identification-of-rsn-using-glmica-two-class-classifier.html	SCI
PAPR REDUCTION TECHNIQUES FOR OFDM SYSTEMS	P.Kalaivani, S.R.Balasubramanian	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	http://www.ijircce.com/	http://www.ijircce.com/special-issues/pdf/2017/april/34_I21_n.pdf	others
Performance of Secured Turbo Coding Scheme for Land Mobile Channels	Nivedha.P, T.J Jeyaprabha	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	http://www.ijircce.com/	http://www.ijircce.com/special-issues/pdf/2017/april/35_I22_n.pdf	others
Security Enhancements at Distributed Data Centers using Turbo Codes	T.J. JEYAPRABHA, DR.G. SUMATHI	ECE	International Journal of Advanced Computer Technology	2016-17	2320-0790	https://ijact.in	https://ijact.in/index.php/ijact/article/view/544	others
Design of a Compact MIMO Antenna with Polarization Diversity for WiMax Application	C.Mohan, K.Srividhya	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	http://www.ijircce.com/	http://www.ijircce.com/special-issues/pdf/2017/april/31_I18.pdf	others
Design of spiral Micostrip MIMO antenna using Defected Ground structure for WLAN applications	R. Abirami, Student, K. Srividhya	ECE	International Journal of Future Innovative Science and Engineering Research (IJFISER) ISSN (Online): 2454-1966, Volume-2, Issue-1, March – 2016	2016-17	2454- 1966	http://www.istpublications.com	http://www.istpublications.com/temp/19_R__Abirami_Et_al_.pdf	others

Design and Analysis of MIMO Antenna for ISM band applications	R. Abirami, Student, K. Srividhya, Assistant Professor	ECE	International Journal of Engineering Research and Technology	2016-17	2278-0181	https://www.ijert.org	https://www.ijert.org/research/design-and-analysis-of-mimo-antenna-for-ism-band-application-IJERTCONV4IS14002.pdf	others
Implementation of matrix MIMO system for dual band applications	Subhasri.K, Srividhya.K	ECE	International Journal of future Innovative Science and Engineering Research (IJFISER)	2016-17	NA	http://www.istpublications.com/	http://www.istpublications.com/temp/27_Subhasri_Et_al_.pdf	others
Segmentation and classification for improved karyotyping of multispectral chromosome images	K Hemavathi, D Menaka,	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	https://www.ijircce.com	https://www.ijircce.com/special-issues/pdf/2017/april/26_I12.pdf	others
Ensemble classification of remote sensed images for change detection	S. Deepan, D. Menaka	ECE	International Journal of Engineering Research & Technology (IJERT)	2016-17	2278-0181	https://www.ijert.org/	https://www.ijert.org/ensemble-classification-of-multispectral-remote-sensed-images-for-change-detection	others
Identification of Overlapped Region of Chromosome and its Separation for Karyotyping	A. Vishnu Priyesh, D. Menaka	ECE	International Journal of Engineering Research & Technology (IJERT)	2016-17	2278-0181	https://www.ijert.org/	https://www.ijert.org/determination-of-overlapped-region-of-chromosome-images-for-disentanglement-and-karyotyping	others
Ensemble Classification of Urban Regions Using Hyper spectral Remote Sensed Scenes	S. Deepan, D. Menaka	ECE	Middle-East Research 24 Journal of Scientific	2016-17	1990-9234	https://www.idosi.org	https://www.idosi.org/mejsr/mejsr24(S1)16/10.pdf	others

Microwave Band Pass Filter Using embedded electromagnetic Band Gap Structures	V. Sneha, S. Senthilrajan	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	https://www.ijircce.com	https://www.ijircce.com/special-issues/pdf/2017/april/18_I3.pdf	others
Design & Analysis of Microstrip Patch Dual Band Pass Filter	R.RUKMANGATHAN, S. Senthilrajan	ECE	International Journal of Emerging Technology in Computer Science & Electronics	2016-17	NA	https://www.ijetcse.com/	https://www.ijetcse.com/admin/uploads/DESIGN%20OF%20A%20MICROSTRIP%20PATCH%20DUAL%20BAND%20PASS%20FILTER_1605089342.pdf	others
Compact MMR ultra-wideband bandpass filter with improved selectivity	V. Sneha, S. Senthilrajan	ECE	International Journal of Engg. Development and research (IJEDR)	2016-17	2321-9939	https://www.ijedr.org/	https://www.ijedr.org/download.php?file=IJEDR1604092.pdf	others
OPTIMIZATION OF BLEBS IN HUMAN EMBRYONIC STEM CELLS	Lakshmi Thara. R, S.P.Sivagnana Subramanian	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	https://www.ijircce.com	http://www.ijirset.com/upload/2017/april/76_15_BLEBS.pdf	others
Comparative Analysis of Various Contrast Enhancement Techniques for Underwater Images	Vinmathy M, Kalyani S	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	https://www.ijircce.com	https://www.ijircce.com/special-issues/pdf/2017/april/42_Vinmathy.pdf	others
Design and Performance verification of Reconfigurable FIR Filter based on split-up distributed arithmetic	G.Pavithra, R.Kousalya	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	https://www.ijircce.com	https://www.ijircce.com/special-issues/pdf/2017/april/16_I1.pdf	others

Design and Analysis of Carry Select Adder using Kogge Stone Adder	K. Swetha, M.Athappan	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	https://www.ijircce.com	https://www.ijircce.com/special-issues/pdf/2017/april/28_I14_UPDATED.pdf	others
FEATURE EXTRACTION AND SPEAKER IDENTIFICATION IN AUTOMATIC SPEAKER	Rajalakshmi.P, L.Anju	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	https://www.ijircce.com	https://www.ijircce.com/special-issues/pdf/2017/april/24_I10.pdf	others
Musical Source Clustering and Raga identification	Krishnapriya S, L.Anju	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	https://www.ijircce.com	https://www.ijircce.com/special-issues/pdf/2017/april/38_I25.pdf	others
Efficient Audio Retrieval using SVM and DTW techniques	Kesavan Namboothiri T. , L. Anju	ECE	International Journal of Emerging Techniques in Computer Science & Electronics	2016-17	0976 – 1353	http://www.ijetcse.com	https://www.ijetcse.com/admin/uploads/EFFICIENT%20AUDIO%20RETRIEVAL%20USING%20SVM%20AND%20DTW%20TECHNIQUES_1605089763.pdf	others
Efficient Audio Retrieval using Supervised Techniques	Kesavan Namboothiri T. , L. Anju	ECE	International Journal of Engineering Research & Technology	2016-17	2278-0181	https://www.ijert.org/	https://www.ijert.org/efficient-audio-retrieval-using-supervised-learning-techniques	others
Estimation of Noise Power Spectrum and Automatic Speaker Recognition System	Rajalakshmi. P, L. Anju	ECE	International Journal od Advanced Research in Computer and Communication Engineering	2016-17	2278-1021	https://ijarcce.com/	https://ijarcce.com/upload/2017/may-17/IJARCCE%2075.pdf	others

FPGA based photo-voltaic efficient energy management with reversible off-the-grid power supply	K Elango, B. Sarala	ECE	International Journal of Science and Innovative Engineering Technology, Vol.1,May-2016	2016-17	NA	https://www.ijert.org/	https://www.ijert.org/fpga-based-photovoltaic-efficient-energy-management-with-reversible-off-the-grid-power-supply	others
VLSI Architecture of Matrix based RNS backward converter	U.M.Sreelekha, B. Sarala	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	https://www.ijircce.com	https://www.ijircce.com/special-issues/pdf/2017/april/37_I24_n.pdf	others
Frequency Reconfigurable Microstrip Antenna for Satellite Applications	Sridevi L, B.Hemalatha	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	https://www.ijircce.com	https://www.ijircce.com/special-issues/pdf/2017/april/25_I11.pdf	others
Design and Implementation of Wideband Antenna for Satellite Commn.	R.Mohanasundaram,S.Saravanan	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	https://www.ijircce.com	https://www.ijircce.com/special-issues/pdf/2017/april/20_I5.pdf	others
SPECTRUM AWARE ANY-PATH ROUTING IN MULTI-HOP COGNITVE RADIO NETWORKS	Ramya.R, S.Radhika	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	https://www.ijircce.com	https://www.ijircce.com/special-issues/pdf/2017/april/33_I20_n.pdf	others
BACKGROUND NOISE REDUCTION USING FFBPNN-LM NETWORK AND ADAPTIVE FILTER	G. Deepika, M.Vidya	ECE	International Journal of Innovative Research in Computer and Commn.Engg., Vol. 5, Special Issue 3	2016-17	2320-9801	https://www.ijircce.com	https://www.ijircce.com/special-issues/pdf/2017/april/19_I4_n.pdf	others

A Software design technique for developing medical expert systems through use case analysis	Dr.G.Sumathi	Information Technology	Biomedical Research	2016-17	0970938X	https://www.biomedres.info/	https://www.biomedres.info/biomedical-research/particle-swarm-optimization-based-workflow-scheduling-for-medical-applications-in-cloud.html	scopus
Diesel Reformulation Using Bio-Derived Propanol To Control Toxic Emissions From A Light-Duty Agricultural Diesel Engine	B. Rajesh Kumar S.Saravanan	Mechanical Engineering	Environmental Science and Pollution Research,Vol.24, No.20,pp.16725-16734, 2017 Impact Factor :2.760	2016-17	1614-7499	https://www.springer.com/journal/11356	https://link.springer.com/article/10.1007/s11356-017-9161-8	Web of Science
Exploration on kerf angle and surface roughness in Abrasive waterjet machining using response surface method",	N.Muthukrishnan	Mechanical Engineering	Journal of Institution of Engineers (India),	2016-17	2250-0545	https://www.springer.com/journal/40032	https://link.springer.com/article/10.1007/s40032-017-0366-x	Web of Science
Comparative study on evaluation of optimized machining parameters of MAS 38 MNSIVS5micro alloy steel using incoated and coated k20 inserts by D-optimal design	N.Muthukrishnan	Mechanical Engineering	Journal of the Chinese society of Mechanical Engineering engineers	2016-17	0257-9731 .	http://www.apsiii.org/journal/index.php/CSME/index#:~:text=The%20object%20of%20the%20Journal,related%20to%20recent%20technological%20advances.	https://www.airitilibrary.com/Publication/alDetailedMesh?DocID=02579731-201708-201710250007-201710250007-421-431	Scopus
Effect of Multi- Walled Carbon Nanotubes on Surface roughness and Material Removal Rate in Drilling Epoxy / Glass Fabric Composite	Ponnuvel, S	Mechanical Engineering	Journal of the Balkan Tribological Association	2016-17	13104772	https://scibulcom.net/en/journal/1310-4772	https://scibulcom.net/en/journal/1310-4772/articles?search=Walled%20Carbon%20Nanotubes%20on%20Surface%20roughness%20and%20Material%20Removal%20Rate%20in%	Scopus
Effect of particles density on holdup mass and heat transfer rate in solid cyclone heat exchanger	K.Pitchandi	Mechanical Engineering	ARPN Journal of Engineering and Applied Sciences	2016-17	1819-6608	https://www.arpnjournals.org/	http://www.arpnjournals.org/jeas/research_papers/rp_2016/jeas_0116_3494.pdf	Scopus

Investigation on Mechanical Behaviour and Vibration Characteristics of Thin Walled Glass/Carbon Hybrid Composite Beams Under Fixed-Free Boundary Condition, Mechanics of Advanced Materials and Structures	Murugan.R, Ramesh.R	Mechanical Engineering	Mechanics of Advanced Materials and Structures	2016-17	1537-6494	https://www.tandfonline.com/toc/umcm20/current	https://www.tandfonline.com/doi/abs/10.1080/15376494.2015.1056394	Scopus/SCI
Use of higher alcohol biofuels in diesel engines: A review	S.Saravanan	Mechanical Engineering	Renewable and Sustainable Energy Reviews	2016-17	1364-0321	https://www.sciencedirect.com/journal/renewable-and-sustainable-energy-reviews	https://www.sciencedirect.com/science/article/abs/pii/S1364032116001155	Web of Science
Effects of iso-butanol/diesel and npentanol/ diesel blends on performance and emissions of a DI diesel engine under premixed LTC (low temperature combustion) mode	S.Saravanan	Mechanical Engineering	Fuel	2016-17	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236115012831	Web of Science
Effect of Isobutanol Addition to Diesel Fuel on Performance and Emissions of a DI Diesel Engine with Exhaust Gas Recirculation (EGR)	S.Saravanan	Mechanical Engineering	Journal of power and Energy	2016-17	0957-6509	https://journals.sagepub.com/home/pia	https://journals.sagepub.com/doi/10.1177/0957650915617107	Scopus
Application of an enhanced Taguchi method for simultaneous reduction of smoke and NOx emissions using oxygenated additives and retarded injection timing in a stationary diesel engine	S.Saravanan	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Engineering Sciences and Engineering	2016-17	1678-5878	https://www.springer.com/journal/40430	https://link.springer.com/article/10.1007/s40430-015-0361-1	Others
Factors Influencing NOx Emission of a Stationary Diesel Engine Fuelled With Crude Rice Bran Oil Methyl Ester Blend –Taguchi Approach	S.Saravanan	Mechanical Engineering	International Journal of Sustainable Engineering	2016-17	1939-7038	https://www.tandfonline.com/toc/tsue20/current	https://www.tandfonline.com/doi/abs/10.1080/19397038.2015.1088591	Web of Science

Feasibility Study on Waste Heat Recovery in IC Engine for Operating Triple Fluid Absorption Refrigeration System	A.Balasubramanian	Mechanical Engineering	International Journal of Energy, Environment and Economics	2016-17	1054-853X	https://novapublishers.com/shop/international-journal-of-energy-environment-and-economics/	http://www.novapublishers.org/catalog/product_info.php?products_id=61082	Others
Systematic retrofit methodology for chemical batch processes to improve economic and production performance	S.Yeshwant Raj	Mechanical Engineering	International Journal of Buisness Excellence	2016-17	1756-0055	https://www.inderscienceonline.com/loi/ijbex	https://www.inderscienceonline.com/doi/abs/10.1504/IJBEX.2016.077994	Scopus
A Comparative Evaluation and optimization of performance and emission characteristics of a DI diesel engine fueled with n-propanol/diesel, nbutanol/ diesel and n-pentanol/diesel blends using response surface methodology	S.Saravanan	Mechanical Engineering	RSC Advances	2016-17	2046-2069	https://pubs.rsc.org/en/journals/journalissues/ra#!issueid=ra011050&type=current&issnonline=2046-2069	https://pubs.rsc.org/en/content/articlelanding/2016/ra/c6ra11643d	Web of Science
Combined effect of injection timing and exhaust gas recirculation (EGR) on performance and emissions of a DI diesel engine fuelled with nextgeneration advanced biofuel-diesel blends using response surface methodology	S.Saravanan	Mechanical Engineering	Energy Conversion and Management	2016-17	0196-8904	https://www.sciencedirect.com/journal/energy-conversion-and-management	https://www.sciencedirect.com/science/article/pii/S0196890416305532?via%3Dihub	Web of Science
Use of some advanced biofuels for overcoming smoke/NOx trade-off in a light-duty DI diesel engine	S.Saravanan	Mechanical Engineering	Renewable Energy	2016-17	0960-1481	https://www.sciencedirect.com/journal/renewable-energy	https://www.sciencedirect.com/science/article/pii/S0960148116304402?via%3Dihub	Web of Science
Effect of lignin-derived cyclohexanol on combustion, performance and emissions of a direct-injection agricultural diesel engine under naturally aspirated and exhaust gas recirculation (EGR) modes	S.Saravanan	Mechanical Engineering	Fuel	2016-17	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236116303672	Web of Science

A comparative analysis on combustion and emissions of some next generation higheralcohol/ diesel blends in a direct-injection diesel engine	S.Saravanan	Mechanical Engineering	Energy Conversion and Management	2016-17	0196-8904	https://www.sciencedirect.com/journal/energy-conversion-and-management	https://www.sciencedirect.com/science/article/pii/S019689041630303X?via%3Dihub	Web of Science
Effect of sustainable biofuel –n-octanol-on the combustion, performance amd emissions of a DI diesel engine under naturally aspirated and exhaust gas recirculation (EGR) modes	S.Saravanan	Mechanical Engineering	Energy Conversion and Management	2016-17	0196-8904	https://www.sciencedirect.com/journal/energy-conversion-and-management	https://www.sciencedirect.com/science/article/pii/S0196890416302412?via%3Dihub	Web of Science
Partially premixed low temperature combustion using dimethyl carbonate (DMC) in a DI diesel engine for favourable smoke/NOx emissions	S.Saravanan	Mechanical Engineering	Fuel	2016-17	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236116302253	Web of science
Numerical study on energy absorbing characteristics of Thin-Walled tube under axial and oblique impact	G.Manikandaraja	Mechanical Engineering	Alexandria Engineering Journal	2016-17	1110-0168	https://www.sciencedirect.com/journal/alexandria-engineering-journal	https://www.sciencedirect.com/science/article/pii/S111001681500201X	SCI
Experimental estimation of minimum quantity lubrication in turning on AISI 410 Stainless steel	N.Muthukrishnan	Mechanical Engineering	International journal of Machining and machinability of materials,	2016-17	1748-572X	https://www.inderscienceonline.com/loi/ijmmm	https://www.inderscienceonline.com/doi/abs/10.1504/IJMMM.2017.088894	Scopus
Modeling and analysis on influential machining parameters of 38MnSiVS5 micro alloyed steel by D-Optimal design	N.Muthukrishnan, S.Muniraj	Mechanical Engineering	International Journal of Manufacturing Technology and Management	2016-17	1368-2148	https://www.inderscienceonline.com/loi/ijmtm	https://www.inderscienceonline.com/doi/abs/10.1504/IJMTM.2021.114698	Scopus

Comparative study on evaluation of optimized machining characteristics of MAS38MnSiVS5 micro alloyed steel using uncoated coated and coated K20 inserts by D-optimal design	N.Muthukrishnan, S.Muniraj	Mechanical Engineering	Journal of the Chinese Society of Mechanical Engineering engineering	2016-17	0257-9731	http://www.apsiii.org/journal/index.php/CSME/index#:~:text=The%20object%20of%20the%20Journal,related%20to%20recent%20technological%20advances.	https://www.airitilibrary.com/Publication/alDetailedMesh?DocID=02579731-201708-201710250007-201710250007-421-431	Scopus
Modeling and analysis of energy conservation in turning of lead free-micro alloyed steel using D-Optimal design	N.Muthukrishnan, S.Muniraj	Mechanical Engineering	Progress In Industrial Ecology	2016-17	1476-8917	https://www.inderscience.com/jhome.php?jcode=pie	https://www.inderscience.com/info/inarticle.php?artid=91297	Scopus
Spray Characteristics of Biodiesel Fuel in Constant Volume Chamber using Multi-response	P.Raghu	Mechanical Engineering	Journal of Thermal Science	2016-17	1003-2169	https://www.springer.com/journal/11630	https://link.springer.com/article/10.1007/s11630-016-0901-8	Scopus
Dimensionless analysis of spray characteristics of Chicha oil methyl ester and diesel fuel in a spray chamber	P.Raghu	Mechanical Engineering	Progress in Industrial Ecology – An International Journal	2016-17	1478-8764	https://www.inderscience.com/jhome.php?jcode=piee	https://www.inderscience.com/info/inarticle.php?artid=91300	Scopus
Screening Oxygenates For Favorable Nox/Smoke Trade-Off In A Di Diesel Engine Using Multi Response Optimization	S.Saravanan	Mechanical Engineering	Fuel	2016-17	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236117303198	Web of Science
Optimization Of Di Diesel Engine Parameters Fueled With Iso-Butanol/Diesel Blends – Response Surface Methodology Approach	S.Saravanan	Mechanical Engineering	Fuel	2016-17	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236117305069?via%3Dihub	Web of Science

Diesel Reformulation Using Bio-Derived Propanol To Control Toxic Emissions From A Light-Duty Agricultural Diesel Engine	S.Saravanan	Mechanical Engineering	Environmental Science And Pollution Research	2016-17	0944-1344	https://www.springer.com/journal/11356	https://link.springer.com/article/10.1007/s11356-017-9161-8	Scopus
Extraction and characterization of waste plastic oil (WPO) with the effect of nbutanol addition on the performance and emissions of a DI diesel engine fueled with WPO/diesel blends	S.Saravanan	Mechanical Engineering	Energy Conversion and Management	2016-17	0196-8904	https://www.sciencedirect.com/journal/energy-conversion-and-management	https://www.sciencedirect.com/science/article/pii/S0196890416309931	Web of Science
A sustainable and eco-friendly fueling approach for direct-injection diesel engines using restaurant yellow grease and n-pentanol in blends with diesel fuel	S.Saravanan	Mechanical Engineering	Fuel	2016-17	0016-2361 / 1873-7153	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236116312625	Web of Science
Performance and emission analysis on blends of diesel, restaurant yellow grease and n-pentanol in direct-injection diesel engine	S.Saravanan	Mechanical Engineering	Environmental Science and Pollution Research	2016-17	9441344	https://www.springer.com/journal/11356	https://pubmed.ncbi.nlm.nih.gov/28013468/	Scopus
Sliding Wear Characteristics Of Solid Lubricant Coating On Titanium Alloy Surface Modified By Laser Texturing And Ternary Hard Coatings	M. Prem Ananth, R. Ramesh	Mechanical Engineering	Transactions of Non Ferrous Metals Society of China	2016-17	10036326	https://www.sciencedirect.com/journal/transactions-of-nonferrous-metals-society-of-china	https://www.sciencedirect.com/science/article/abs/pii/S1003632617600967	SCI
Vibration Signal Responses Classification in AA6063 Aluminium Alloy Friction Stir Welded joint Using Optial Neural Network	R.Ramesh	Mechanical Engineering	Journal of Business Intelligence and Data mining	2016-17	1743-8187	https://www.inderscienceonline.com/loi/ijbidm	https://www.inderscienceonline.com/doi/abs/10.1504/IJBIDM.2017.086985	Scopus

Prioritizing Critical Factors For Establishing An Automotive Component Manufacturing Facility: An AHP-Pareto Approach	S. Yeshwant Raj	Mechanical Engineering	Journal Of Advanced Research In Dynamical And Control Systems	2016-17	1943023X	https://www.jardcs.org/	https://www.jardcs.org/backissues/abstract.php?archiveid=1075	Scopus (Scopus coverage : from 2009 to 2015, from 2017 to August 2020)
Computational Fluid Dynamic Analysis On The Effect Of Particles Density And Body Diameter In A Tangential Inlet Cyclone Heat Exchanger	Pitchandi K	Mechanical Engineering	Thermal Science	2016-17	3549836	http://www.doiserbia.nb.rs/journal.aspx?issn=0354-9836	http://www.doiserbia.nb.rs/Article.aspx?ID=0354-98361600055T#.YVFXz1UzbDc	Others
Experimental investigation of wear characteristics on TiCN-coated AISI 410 steel	S.Ilaiyavel	Mechanical Engineering	Applied Physics	2016-17	1996 0948	https://www.springer.com/journal/339	https://link.springer.com/article/10.1007/s00339-016-9980-3	Web of Science
Evaluation of sliding wear resistance of PVD coatings by the ball-cratering test method	S.Ilaiyavel	Mechanical Engineering	Journal of Engineering Materials and Technology	2016-17	944289	https://asmedigitalcollection.asme.org/materialstechnology	https://asmedigitalcollection.asme.org/materialstechnology/article-abstract/139/3/031009/384343/Evaluation-of-Sliding-Wear-Resistance-of-Physical?redirectedFrom=ful	Scopus
Wear Characteristics of AlCrN Coating on AISI410 steel by Ball-Cratering Test Method	S.Ilaiyavel	Mechanical Engineering	Industrial Lubrication and Tribology	2016-17	368792	https://www.emerald.com/insight/publication/issn/0036-8792	https://www.emerald.com/insight/content/doi/10.1108/ILT-05-2016-0107/full/html	Scopus
Tribological Behavior Of Modified Jojoba Oil With Graphene Nanoparticle As Additive In Sae20w40 Oil Using Pin On DiscTribometer	S.Ramesh Babu	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization And Environmental Effects	2016-17	1556-7036 / 1556-7230	https://www.tandfonline.com/toc/ueso20/current	https://www.tandfonline.com/doi/abs/10.1080/15567036.2017.1376006	SCI

Investigation on Mechanical Engineering properties of woven alovera/sisal/kenaf fibres and their hybrid composites	K Pitchandi	Mechanical Engineering	Bull. Mater. Sci.,	2016-17	2504707	https://www.springer.com/journal/12034	https://link.springer.com/article/10.1007%2Fs12034-016-1343-3	Scopus
Combined effect of nanoemulsion and EGR on combustion and emission characteristics of neat lemongrass oil (LGO)-DEE-diesel blend fuelled diesel engine	K Pitchandi	Mechanical Engineering	Applied Thermal Engineering	2016-17	13594311	https://www.sciencedirect.com/journal/applied-thermal-engineering	https://www.sciencedirect.com/science/article/pii/S1359431116328484?via%3Dihub	Scopus
Computational analysis of an Early Direct Injected HCCI engine using Bio ethanol and Diesel Blends as Fuel	S.Natarajan	Mechanical Engineering	Energy Procedia (Title discontinued as of 2020)	2016-17	18766102	https://www.sciencedirect.com/journal/energy-procedia	https://www.sciencedirect.com/science/article/pii/S1876610217303594	Scopus coverage years:from 2009 to 2019
Early Injected PCCI engine fueled with Bio Ethanol and Diesel blends – An Experimental Investigation	S.Natarajan	Mechanical Engineering	Energy Procedia (Title discontinued as of 2020)	2016-17	18766102	https://www.sciencedirect.com/journal/energy-procedia	https://www.sciencedirect.com/science/article/pii/S1876610217303600	Scopus coverage years:from 2009 to 2020
Effects of Injection Timing on CI Engine fueled with Algae oil blend with Taguchi technique	S.Natarajan	Mechanical Engineering	Energy Procedia (Title discontinued as of 2020)	2016-17	18766102	https://www.sciencedirect.com/journal/energy-procedia	https://www.sciencedirect.com/science/article/pii/S1876610217304939?via%3Dihub	Scopus coverage years:from 2009 to 2021
Movies – Language Teachers' Appropriate Source for Testing Learners LSRW" –	MurugavelT & Ganapathy P	Humanities & Social Sciences	Bodhi international journal of research in humanities, arts and science	2016-17	ISSN 2456-5571	http://www.bodhijournals.com/spl_issue	http://www.bodhijournals.com/pdf/spl/July2017/Bodhi_V1S6.pdf	UGC approved journal(J.No44274