

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

S.No	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
2016-2017							
1	Effect of Torque in Friction Stir Welding of AA6061-AZ61	Mr. Muthuvel. S	CSE	International Journal of Recent Advances in Multidisciplinary Research (IJRAMR)	08-16	ISSN: 2350-0743	https://www.ijramr.com/issue/effect-torque-friction-stir-welding-aa6061-az61
2	Security threat identification using Energy Points	Dr. P C Senthil Mahesh	CSE	International Conference on Anti-Cyber Crimes (ICACC)	03-17	978-1-5090-5814	https://ieeexplore.ieee.org/document/7905262
3	Secure Data Sharing In Cloud Computing By Implementing Amednded Attribute Based Data Sharing Scheme	Mr. Muralikrishnan M	CSE	International Journal Of Engineering And Computer Science	05-17	ISSN:2319-7242	http://www.ijecs.in/index.php/ijecs/article/view/3406
4	Matrix Converter Technology For Wind Energy Conversion Systems	Mrs.L. Pattathurani	EEE	International Journal for Research in Applied Science & Engineering Technology	Oct-16	2321-9653	https://www.ijraset.com/files/serve.php?FID=5714
5	A Single Stage ZVS-PWM Inverter for Induction Heating Applications	Mrs.L. Pattathurani	EEE	IOSR Journal of Electrical and Electronics Engineering	Oct-16	2320-3331	https://www.iosrjournals.org/iosr-jece/Papers/Vol11%20Issue%205/Version-4/C1105041823.pdf
6	Design of High Step-Up DC-DC Converter with Single Switch and Sinusoidal PWM Inverter for Micro source Application	Ms.S.Priya	EEE	IJEDR International Journal of Engineering Development and Research	Nov-16	2321-9939	https://www.ijedr.org/papers/IJEDR1604039.pdf
7	Drive Applications of Fuzzy Logic Controlled Interleaved Boost Converter for Maximum Power Point Tracking in Solar PV	Mr.F. Max Savio,Mr.K.Jayavelu	EEE	International Journal of Engineering Development and Research	Nov-16	2321-9940	https://www.ijedr.org/papers/IJEDR1604033.pdf
8	High Voltage Induced By Transmission Lines Due To Lightning – Case Study	Mr.F. Max Savio,Mr.K.Jayavelu	EEE	International Journal of Engineering Development and Research	Nov-16	2321-9941	https://www.ijedr.org/papers/IJEDR1604046.pdf
9	Multilevel inverter for solar power applications	Mrs.L. Pattathurani	EEE	International Journal of Engineering Development and Research	Mar-17	2321-9939	https://www.ijedr.org/papers/IJEDR1701107.pdf
10	Design of counter using SRAM	Mrs.L. Pattathurani	EEE	IOSR Journal of Electronics and Communication Engineering	Mar-17	2278-8735	http://www.iosrjournals.org/iosr-jece/papers/Vol.%2012%20Issue%202/Version-1/J11202015256.pdf
11	Matrix Converter Technology for Renewable Energy Systems in Doubly-Fed Induction Generators	Ms.S.Priya,Ms.Vinnarasi ponnury	EEE	IJEDR International Journal of Engineering Development and Research	Apr-17	2321-9939	https://www.ijedr.org/papers/IJEDR1702131.pdf
12	A multi port converter based on different topologies using renewable energy source for apartments.	Dr. C. Rajeshkumar	EEE	International Journal of Advanced Research in Electrical,Electronics and Instrumentation Engineering	Apr-17	2454-9762	https://www.academia.edu/35074611/A_MULTI_PORT_CONVERTER_BASED_ON_DIFFERENT_TOPOLOGIES_USING_RENEWABLE_ENERGY_SOURCES_FOR_APARTMENTS
13	Design of Hearing Aid Using Variable Bandwidth Filter	L.M.Merlin Livingston	ECE	International Journal of Scientific & Engineering Research	10-16	ISSN: 2229 – 5518	http://www.ijser.org/onlineResearchPaperViewer.aspx?Design-of-Hearing-Aid-Using-Variable-Bandwidth-Filter.pdf
14	Soil pH Formulation by its Moisture Using Dyadic Wavelet Transform	L.M.Merlin Livingston	ECE	OSR Journal of Computer Engineering (IOSR-JCE)	Nov.2016	ISSN: 2278 - 8727	http://www.iosrjournals.org/iosr-jce/papers/Vol18-issue6/Version-3/N1806037881.pdf
15	Password Based Remote Controlled Door Opening Using Android Application	Selvin Pradeep Kumar	ECE	International Journal Of Engineering Development And Research(IJEDR)	2016	ISSN: 2321-9939	https://www.ijedr.org/papers/IJEDR1604093.pdf
16	A Study On Non-Statutory Welfare Schemes In Private Institute Colleges With Special Reference To Kanchipuram District	V.Amutha	ECE	International Journal Of Core Engineering & Management (IJCEM)	08-16	2348 - 9510	http://ijcem.in/wp-content/uploads/2016/09/A-STUDY-ON-NON-STATUTORY-WELFARE-SCHEMES.pdf
17	Gold Washing Adaptive Vector Quantization with Wavelet Transform for Colour image coding	W.Nancy	ECE	International Journal of Control Theory and Applications	08-16	ISSN 0974-5572	https://www.semanticscholar.org/paper/Gold-Washing-Adaptive-Vector-Quantization-with-for-Punidha-Nancy/2aab01ff065a7d56db4f9ac106b41a2b12f97bd5
18	Optimal Location and Performance Analysis of IPFC Using Adaptive Differential Evolution	Dr.S.Arul	ECE	International Journal of Applied Engineering Research	Aug-2016	0973-4562	https://www.researchgate.net/publication/289546129_Optimal_location_and_performance_analysis_of_IPFC_using_adaptive_differential_evolution
19	Structure of collecting mastering gadgets from digital documents	Selvin Pradeep Kumar	ECE	Journal of scientific research	Aug-2016	1990-9233	https://www.idosi.org/mejsr/mejsr24(11)16/29.pdf
20	Robot in Telemanipulation Using Android and Bluetooth	G.Merline	ECE	IOSR Journal of Electronics and Communication Engineering (IOSR-JECE)	Nov.-Dec .2016	e-ISSN: 2278-2834,p-ISSN: 2278-8735	http://www.iosrjournals.org/iosr-jece/papers/Vol.%2011%20Issue%206/Version-1/J1106016569.pdf

21	Handwritten Recognition of Tamil Scripts using HMM with Fuzzy Logic	L.M.Merlin Livingston	ECE	International Journal of Scientific Research(IJSR)	Apr-2017	PRINT ISSN NO 2277 - 8179	https://www.worldwidejournals.com/international-journal-of-scientific-research-(IJSR)/recent_issues_pdf/2017/April/April_2017_1491833748_252.pdf
22	Security system to adopt in railway tracks for additional safety	W.Nancy, Ananthi Reeta	ECE	Indian Journal of Applied Research	04-17	ISSN - 2249-555X	https://www.worldwidejournals.com/indian-journal-of-applied-research-(IJAR)/fileview/April_2017_1491813279_126.pdf
23	Implementation of unconscious bus location sensing system with smart phone device	G.Merline	ECE	International Journal of Scientific Research(IJSR)	05-17	ISSN No 2277 - 8179	https://www.worldwidejournals.com/international-journal-of-scientific-research-(IJSR)/fileview.php?val=May_2017_1493734897_179.pdf
24	A theoretical framework on leadership styles	Amutha V	ECE	Indian Journal of research	04-17	2250-1991	https://www.worldwidejournals.com/paripex/recent_issues_pdf/2017/April/April_2017_1492170608_105.pdf
25	Optimized cloud migration using reliability framework	Ms.Ancy, Ms.Kavitha priya	IT	International Journal of Engineering And Computer Science	06-16	2319-7242	https://www.academia.edu/26009220/Optimized_cloud_migration_using_reliability_framework
26	Deployment of Architecture of Big Data in Real-Time for Implementation of Remote Sensing Application	Ms.Kavitha priya	IT	International Global Journal for Research Analysis	06-16	2277 - 8160	https://www.worldwidejournals.com/global-journal-for-research-analysis-GJRA/article/deployment-of-architecture-of-big-data-in-real-time-for-implementation-of-remote-sensing-application/NDkxNw==/?is=1&b1=125&k=32
27	Optimization of Wireless Sensor Networks using PPSS Algorithm	Mr.S.Neelakandan	IT	International Journal of engineering and computer science	08-16	ISSN : 2319-7242	https://www.ijecs.in/index.php/ijecs/article/view/3086
28	Implementation Of Monitoring The Detection And Modification Of Potholes And Humps On Roads	Ms.Sonia Jenifer Rayen	IT	International Journal For Technological Research In Engineering	Nov. 2016	ISSN (Online): 2347 - 4718	http://www.ijtre.com/images/scripts/2016040327.pdf
29	Large Scale Optimization To Minimize Network Traffic Using Mapreduce In Big Data Applications	Mr.S.Neelakandan	IT	IEEE Xplore Digital Library	07-16	INSPEC Accession Number: 16268155	https://ieeexplore.ieee.org/document/7557196
30	Benami Identification Using Mining with Bigdata Analytics”	Ms.Sonia Jenifer Rayen	IT	International Journal Of Engineering And Computer Science	03-17	ISSN:2319-7242	http://www.ijecs.in/index.php/ijecs/article/view/3368
31	Revocable Storage Identity Based Encryption : Secure Data Sharing in Cloud	Ms.Sonia Jenifer Rayen	IT	International Journal Of Engineering And Computer Science	03-17	ISSN:2319-7242	http://www.ijecs.in/index.php/ijecs/article/view/3370
32	“Qualitative Significant Image Reports in Image Reclamation Structure for Ontology”	Ms.Sonia Jenifer Rayen	IT	International Journal Of Engineering And Computer Science	03-17	ISSN:2319-7242	http://www.ijecs.in/index.php/ijecs/article/view/3364
33	A comparative evaluation and optimization of performance and emission characteristics of a DI diesel engine fueled with n-propanol/diesel, n-butanol/diesel and n-pentanol/diesel blends using response surface methodology.	Rajesh Kumar B	Mech	RSC Advances., Royal Society of Chemistry	06-16	61869-61890	doi:10.1039/c6ra11643dhttps://pubs.rsc.org/en/content/articlelanding/2016/ra/c6ra11643d#divAbstract
34	An Investigation Of Design And Modal Analysis Of The Different Material On Helicopter Blade	S.Aishwarya N.Balaji Vijayasarithi P	Mech	RA Journal of Applied Research	06-16	2394-6709	DOI:10.18535/rajar/v2i6.02
35	The Effect of Sub-Zero Treatment on Mechanical Properties of GTAW Welded AA6082	R.Devanathan, T.Venkatamuni, D.Yuvarajan, D.Christopher Selvam	Mech	Applied Mechanics and Materials	06-16	ISSN 1662-7482	10.4028/www.scientific.net/AMM.852.349
36	Development of Solar Spryer with inclusion of electrical Stirrer Mechanism.	T. Venkatamuni and Praveen Kumar. J	Mech	International Journal of Current Research	06-16	eISSN 0975-833X	https://www.journalcra.com/article/development-solar-sprayer-inclusion-electrical-stirrer-mechanism
37	Investigation on effect of magnetite nanofluid on performance and emission patterns of methyl esters of bio diesel	D.Yuvarajan	Mech	Journal of Environmental Engineering and Landscape Management	06-16	ISSN: 1648-6897 (Print) 1822-4199 (Online)	https://www.tandfonline.com/doi/abs/10.3846/16486897.2016.1142447
38	A comparative analysis on combustion and emissions of some next generation higher-alcohol/diesel blends in a direct-injection diesel engine.	Rajesh Kumar. B	Mech	Energy Conversion and Management, Elsevier	07-16	0196-8904	https://www.sciencedirect.com/science/article/abs/pii/S019689041630303X
39	Simultaneous optimization of Smoke and NOx emissions in a stationary diesel engine fuelled with diesel-oxygenate blends using Grey relational analysis in Taguchi method	J.Ravikumar, D.Yuvarajan	Mech	Analytical Methods	07-16	1759-9660	https://doi.org/10.1039/C6AY01696K

40	Use of higher alcohol biofuels in diesel engines: A review.	Rajesh Kumar. B	Mech	Renewable and Sustainable Energy Reviews, Elsevier	07-16	1364-0321	doi:10.1016/j.rser.2016.01.085
41	Combined effect of injection timing and exhaust gas recirculation (EGR) on performance and emissions of a DI diesel engine fuelled with next-generation advanced biofuel – diesel blends using response surface methodology.	Rajesh Kumar. B	Mech	Energy Conversion and Management, Elsevier	09-16	0196-8904	doi:10.1016/j.enconman.2016.06.064
42	Effect of a sustainable biofuel – n-octanol – on the combustion, performance and emissions of a DI diesel engine under naturally aspirated and exhaust gas recirculation (EGR) modes.	Rajesh Kumar. B	Mech	Energy Conversion and Management, Elsevier	09-16	0196-8904	doi:10.1016/j.enconman.2016.04.001
43	Partially premixed low temperature combustion using dimethyl carbonate (DMC) in a DI diesel engine for favorable smoke/NOx emissions.	B.Rajesh Kumar	Mech	Fuel, Elsevier	09-16	0016-2361	https://doi.org/10.1016/j.fuel.2016.04.060
44	Role of additives on emission characteristics of methyl ester in constant speed diesel engine	Yuvarajan D and Devanathan R	Mech	Applied Mechanics and Materials	09-16	ISSN 1662-7482	10.4028/www.scientific.net/AMM.852.729
45	Impact of Oxygenated Additives on Performance Characteristics of Methyl Ester in IC Engine	D. Yuvarajan, K. Pradeep and S. Magesh Kumar	Mech	Applied Mechanics and Materials	09-16	1662-7483	doi:10.4028/www.scientific.net/AMM.852.724
46	Analysis on Influence of Varying Compression Ratio in Biofuel	D.Yuvarajan, C.Lokesh and P.Balaji	Mech	Applied Mechanics and Materials	09-16	1662-7482,	doi:10.4028/www.scientific.net/AMM.852.734
47	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.	Rajesh Kumar, B., Saravanan, S., Niranjan Kumar, R., Nishanth, B., Rana, D., & Nagendran, A.	Mech	Fuel, Elsevier	10-16	0016-2361	doi:10.1016/j.fuel.2016.05.052
48	Performance Analysis on Mustard Oil Methyl Ester as a Potential Alternative Fuel	Yuvarajan D, D.Christopher Selvam	Mech	Ind Jouriannal of Science and Technology,	10-16	0974-6846, 0974-5645	https://www.researchgate.net/deref/http%3A%2F%2Fdx.doi.org%2F10.17485%2Fijst%2F2016%2Fv9i37%2F101982
49	Use of some advanced biofuels for overcoming smoke/NOx trade-off in a light-duty DI diesel engine.	Rajesh Kumar. B	Mech	Renewable Energy, 96, 687–699.	10-16	0960-1481	doi:10.1016/j.renene.2016.05.029
50	Effect Of Eggshell Composite Material For The Replacement Of Conventional Material	T.Venkataamuni, R.Devanathan and D.Christopherselvam	Mech	International Journal of Innovative Research and Advanced Studies (IJIRAS)	11-16	2394-4404	https://www.semanticscholar.org/paper/Effect-Of-Eggshell-Composite-Material-For-The-Of-Venkataamuni/074b6f73525612240f4875c6fb38c403167f53ac
51	Investigation of Metal Removal Rate and Surface Finish on Inconel 718 by Abrasive Water Jet Machining	S.Arun N.Balaji S Kannan	Mech	International Journal of Innovative Research in Advanced Engineering	11-16	2349-2763	http://dx.doi.org/10.17632/5vjzgxch8f.1
52	Emissions analysis on second generation biodiesel	Yuvarajan D, Ravikumar J, Devanathan R	Mech	Frontiers of Environmental Science & Engineering	12-16	ISSN: 2095-2201	10.1007/s11783-017-0891-0
53	Emission Analysis of mustard oil methyl oil methyl Ester at varying injection timing.	D yuvarajan, D christopher Selvam	Mech	Indian Journal of Science and Technology	12-16	0974-5645	https://indjst.org/articles/emission-analysis-of-mustard-oil-methyl-oil-methyl-ester-at-varying-injection-timing
54	Performance and emission analysis on blends of diesel, restaurant yellow grease and n-pentanol in direct-injection diesel engine	J.Ravikumar	Mech	Environmental Science and Pollution Research	02-17	0944-1344	DOI: 10.1007/s11356-016-8298-1
55	Vibration Analysis of Rotor using Cracks with Various Depth and Positions	S Kannan N Balaji S Arun	Mech	International Journal of Engineering Trends and Technology (IJETT)	03-17	ISSN: 2231-5381	http://www.ijettjournal.org/2017/volume-45/number-9/IJETT-V45P281.pdf
56	A sustainable and eco-friendly fueling approach for direct-injection diesel engines using restaurant yellow grease and n-pentanol in blends with diesel fuel	Rajesh Kumar, B	Mech	Fuel, Elsevier	04-17	0016-2361	Fuel 193 (2017) 419–431
57	Optimization of DI diesel engine parameters fueled with iso-butanol/diesel blends–response surface methodology approach.	Rajesh Kumar. B	Mech	Fuel, Elsevier	04-17	0016-2361	http://dx.doi.org/10.1016/j.fuel.2017.04.083

58	Performance Analysis Of Friction Stir Welding On Aluminium AA7075 AND AA2024 Alloy Material	N Balaji S Kannan S Arun	Mech	International Journal of Engineering Research and Advanced Technology	04-17	ISSN: 2454-6135	DOI:10.5281/zenodo.495605
59	Dissimilar metal study on C44300 tube to AA7075 -T651 tube plate with and without thread by FWTPET process	D. Muruganandam	Mech	Journal of Mechanical Science and Technology	05-17	1738-494x(Print)/1976-3824(Online)	DOI 10.1007/s12206-017-0450-4
60	A literature survey on modelling of laser welding and its related processes	A. Jayanthi	S & H	IOSR Journal of Applied Physics	12-16	2278-4861	http://www.iosrjournals.org/iosr-jap/papers/Vol8-issue6/Version-3/F0806034253.pdf
61	Laser Beams A Novel Tool for Welding : A review	A. Jayanthi	S & H	IOSR Journal of Applied Physics	12-16	2278-4861	http://www.iosrjournals.org/iosr-jap/papers/Vol8-issue6/Version-3/B0806030826.pdf
62	Optimization of operating parameters for autogenous welding of AISI316L stainless steel using pulsed Nd: YAG laser	A. Jayanthi	S & H	IOSR Journal of Applied Physics	2016	2278-4861	http://www.iosrjournals.org/iosr-jap/papers/Vol8-issue3/Version-2/H0803024654.pdf
63	An Overview of Metal Oxide Nanoparticles by Bio-Synthesis	C. Kavitha, Vanitha	S & H	International Journal Of Engineering Development And Research	16-Dec	2321-9939	https://www.ijedr.org/papers/IJEDR1604116.pdf
64	. Words, Meaning and Perceptions: Meaningless or Less in meaning	R. Vasanthan	S & H	Asian Journal of Research in social Sciences and Humanities	16-Jan	2249-7315	https://www.researchgate.net/publication/307627679_Words_Meaning_and_Perceptions_Meaningless_or_Less_in_Meaning
65	Utilizing the Participation in Sport and Physical Activity for Second Language Training	R. Vasanthan	S & H	International Journal of Health Fitness and Sport Sciences. National College	May-June 2016	2581-4923	https://www.academia.edu/12343754/Utilizing_the_Participation_in_Sport_and_Physical_Activity_for_Second_Language_Training
66	DEETI- The Methaphor in Amitav Ghosh's the sea of Poppies	G. Mahendranath	S & H	International Journal of English Language and Literature	16-Jul	2395-2636	https://www.researchgate.net/publication/337782993_DEETI_-_THE_METAPHOR_IN_AMITAV_GHOSH'S_THE_SEA_OF_POPIES
67	Characterisation and corrosion resistance of TiCrN composite Coating on steel by physical Vapour Deposition method.	C. Kavitha	S & H	Journal of Bio - and Tribo - Corrosion	16-Aug	2198-4220	https://link.springer.com/article/10.1007/s40735-016-0055-y
68	Goldbach Conjecture and Cryptography	M. Ranjith Kumar	S & H	International Journal of Pure and Applied Mathematics	17-Sep	ISSN: 1311-8080	https://www.researchgate.net/publication/320460030_Goldbach_conjecture_and_cryptography