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3.3.2. Number of research papers per teachers in the Journals notified on UGC website during the last five years

DVV Clarification 4) The HEI should indicate in the data template against each paper about the presence of the paper in the UGC CARE list/Scopus/Web of Science/other clearly

PRESENCE OF PAPERS IN UGC CARE LIST/ SCOPUS/ WEB OF SCIENCE/OTHER



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3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

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2	Five Years Data (2021-2016)	3-23
3	Academic Year 2020-2021	24-32
4	Academic Year 2019-2020	33-35
5	Academic Year 2018-2019	36-38
6	Academic Year 2017-2018	39-43
7	Academic Year 2016-2017	44-49


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Date : ..23/8/2022.....

Dr. P. Ranjith Kumar, M.E., Ph.D.,
Principal

TO WHOM IT MAY CONCERN

This is to certify that number of research papers in the Journals notified on UGC website during the last five years.

	2020-21	2019-20	2018-19	2017-18	2016-17
Number of research papers in the Journals notified on UGC website	38	10	4	16	16



Principal
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Five Year Data

2021-2016



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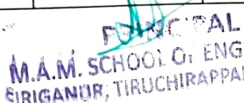
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3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Year	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/We b of
2020-2021	Fast Detection of Transformed Data Leaks in Wireless Sensor Network	K.Sathishkumar	CSE	International Journal of Scientific Research in Engineering and Management	2020-2021	2582-3930	http://ijsrem.com/volume-05-issue-04-april-2021/	http://ijsrem.com/volume-05-issue-04-april-2021/	Others
2020-2021	Automatic Lake Cleaning Robot Using IOT	P.Kavitha	ECE	Journal of Huazhong University of Science and Technology International	2020-2021	1671-4512	http://hustjournal.com http://hxsbyxins.asia/	https://app.box.com/s/090w9p2neja027jfh09aq01kizs2xnz	UGC Approved journal
2020-2021	A novelty approach for ATM security using smart vision	P.Kavitha	ECE	Research Journal of Modernization in Engineering Technology and	2020-2021	2582-5208	http://www.ijmets.com/	https://www.ijmets.com/uploadedfiles/paper/volume3/issue_4_april_2021/8749/1628083360.pdf	Others
2020-2021	IOT based fuel station monitoring	K.Karthikeyan	ECE	Infokara Research	2020-2021	1021-9056	http://infokara.com/	https://drive.google.com/file/d/1u-4fS7oJ5AFPGiWGgz0SIGevOql_aQB6Mvi	UGC Approved journal
2020-2021	Intelligent Remainder Medicine Pill Box using IOT	Dr.Abdur Rahman N	ECE	Infokara Research	2020-2021	1021-9056	http://infokara.com/	https://drive.google.com/file/d/1_YTs4RGDm5SHHqQQPwEMyOnVz0wL-Hm/view	UGC Approved journal
2020-2021	Bluetooth and GSM based intelligent vehicle systems for women safety using embedded technology	P.Kavitha,T.Ashok	ECE	International Journal Of Information And Computing Science	2020-2021	0972-1347	http://www.ijics.com/	https://drive.google.com/file/d/110XEu1enisFioVrWYJYNN0qkH0svOSSc/view	Others
2020-2021	IOT based Smart Electronic Digital Notice Board	K.Karthikeyan,A.Karthickumar,P.Kavitha	ECE	International Journal of Information and Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1XyLHlclY6nr901Y53KbYqSDBI1UcErSq/view	Others
2020-2021	Medical Handwritten Prescription Recognition Using CRNN	K.Karthikeyan,A.Karthickumar,P.Kavitha	ECE	International Journal of Information and Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1K0JSy80ftfPMeF2KwWub_en-ProZ-sr/view	Others
2020-2021	Secured Communication In Aircraft System Using LIFI For Military Application	P.Kavitha,K.Karthikeyan,A.Karthickumar,K.Umarani	ECE	International Journal Of Information And Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1y1UzLchV8j9TDSR-IFNann_suXXMIW8/view	Others

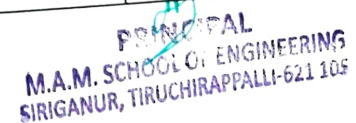
2020-2021	IOT enabled economic human safety for co emission constraints with sekf-alert system	T.Ashok,P.Kavitha,M.C handrasekar	ECE	International Journal Of Information And Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1NtsrSE6amiCLQ2KJ3bJ6UGPevZAYVcPd/view	Others
2020-2021	Eradiction of Hydraulic anomalies using smart sewer inspection robot	P.Kavitha	ECE	international journal of advance research, ideas and innovations in technology	2020-2021	2454-132X	https://www.ijariit.com/	https://www.ijariit.com/manuscripts/v5i2/v5i2-1728.pdf	Others
2020-2021	Neural Network Controller Based U HVDC For Enhancement Of Transient Compensation In Integrating Offshore Wind Power Plant	G. Purushothaman, A.Senthamaraiannan, Dr.M.Sangeetha	EEE	International Journal of Research and analytical reviews	2020-2021	2349-5138	http://www.ijrar.org	http://www.ijrar.org/IJRAR19W1220.pdf	Others
2020-2021	Photovoltaic Charge Controller For Electric Vehicle Using Back Stepping Algorithm.	G. Purushothaman,Dr.M. Sangeetha	EEE	International journal of multidisciplinary educational research	2020-2021	2277-7881	http://www.ijmer.in/	http://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume10/volume10-issue2(4)/26.pdf	Web of science
2020-2021	Solar Powered Water Management System Using Smart Card.	G. Purushothaman, Dr.M.Sangeetha	EEE	Turkish journal of computer & mathematics education	2020-2021	2879-2883	https://www.turcomat.org	https://www.turcomat.org/index.php/turkbilmat/article/view/4375	scopus
2020-2021	Design and Implementation of Row or Column wise Banana Tree Cutter using IoT	Dr.M.Sangeetha	EEE	Grenze International Journal of Engineering & Technology	2020-2021	2395-5295	http://gijcte.thegrenze.com/	http://www.thegrenze.com/doi/grenze/index.php/Grenze_ID:01.GIJET.7.1.613	scopus
2020-2021	Wear Characterization Of aluminium (Lm25) Metal Matrix Composite Reinforced with Sic and Mos2 on Various Heat Treatments	S.Venkatraman, R.Ramanathan, A.Mohankumar, M.Vimalkumar	MECH	International Journal of All Research Education and Scientific Methods (IJARES)	2020-2021	2455-6211	www.ijaresm.com	http://www.ijaresm.com/wear-characterization-of-aluminium-lm25-metal-matrix-composite-reinforced-with-sic-and-mos2-on-various-heat-treatments	Others
2020-2021	Optimization of Parameters for Nitronic-60 on Wire-Cut Electrical Discharge Machining using Zinc-Coated Wire	K. Chandrasekaran	MECH	The Electrochemical Society Advanced solid state & electrochemical science and Society	2020-2021	1757-8981	https://iopscience.iop.org/issue/1757-899X/1126/1	https://iopscience.iop.org/article/10.1088/1757-899X/1126/1/012043/meta	Others

2020-2021	A Study of Added SiC Powder in Kerosene for the Blind Square Hole Machining of CFRP Using Electrical Discharge Machining	K. Chandrasekaran	MECH	Silicon Springer	2020-2021	18769918	https://link.springer.com/article/10.1007/s12633-021-01243-9	Others
2020-2021	Rain tree (Samanea saman) seed oil: Solvent extraction, optimization and characterization	Mr.M.Vimalkumar	MECH	Journal of Bioresources and Bioproducts	2020-2021	2369-9698	https://www.sciencedirect.com/science/article/pii/S2369969821000372	Others
2020-2021	Investigation on mechanical and tribological properties of AA5083/Gr/BN and AA5083/Gr/Al2O3 hybrid composites for marine applications	K. Chandrasekaran	MECH	Interciencia Journal	2020-2021	0378-1844	https://intercienciajournal.com/interciencia/index.php/archive/part/45/2/1/?currentVol=45&currentissue=2#	Others
2020-2021	Characteristic analysis of dissimilar metal weld for AISI304 with SA213T22 in super heater coils	K.Chandrasekaran, R.Ramanathan, P.Ranjithkumar	MECH	Elsevier	2020-2021	2214-7853	https://doi.org/10.1016/j.matpr.2020.12.671	Others
2020-2021	Investigation of Nitronic 60 using Zinc Coated Wire	Ranjithkumar P, Panneer Selvam M, R.Ramanathan, K.Chandrasekaran	MECH	Iranian Journal of Mechanical Engineering	2020-2021	1001-1749	http://whtjisis.cn/gallery/14-whji-june%20-5437.pdf	Others
2020-2021	Optimization of Drilling Process Parameters of Electrical Discharge Machining in INCONEL 718 Material	Ranjithkumar P, Panneer Selvam M, R.Ramanathan, K.Chandrasekaran	MECH	AG & ORGANISATIE R	2020-2021	0921-5077	http://lemma-tijdschriften.com/gallery/goj-1751.pdf	Others
2020-2021	Investigation of Micro-Hole Quality in Drilled CFRP Laminates Through CO2 Laser	Dr.D.Raj Kumar N. Ramanujam, S. Dhanabalan, N. Jayaprakash	MECH	Arabian Journal for Science and Engineering	2020-2021	7557-7575	https://www.springer.com/journal/13369	Scopus
2020-2021	Optimization of Drilling Process on Carbon-Fiber Reinforced Plastics Using Genetic-Algorithm	Dr.D.Raj Kumar N.Jayaprakash Che-Hau Yang S.Sivasankaran	MECH	Surface Review and Letters	2020-2021	1793-6667	https://www.worldscientific.com/doi/abs/10.1142/S0218625X20500560	Others
2020-2021	Machinability evaluation and comparison of Incoloy 825, Inconel 603 XL, Monel K400 and Inconel 600 super alloys in wire electrical discharge machining	Dr.D.Raj Kumar K. Manikandana P. Ranjith kumar K. Palanikumar	MECH	Journal of materials research and technology	2020-2021	2238-7854	https://doi.org/10.1016/j.jmrt.2020.08.049	UGC Care approved group 'a' journal list 1 - pg no 323 (21608)



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2020-2021	Laser Surface Modification of Materials	Dr.D.Raj Kumar Natarajan Jayaprakash Che-Hua Yang	MECH	Laser Ablation	2020-2021	94439	www.intechopen.com	http://dx.doi.org/10.5772/intechopen.94439	Scopus
2020-2021	Investigation on laser square hole drilling of AA7475/SiC/ZrSiO4 composites	Dr.D.Raj Kumar V. Senthil Kannan K. Lenin D. Srinivasan	MECH	silicon	2020-2021	18769918	https://link.springer.com/article/10.1007/s12633-021-01252-8	https://link.springer.com/article/10.1007/s12633-021-01252-8	Others
2020-2021	Implementation of Automatic Garments Folding Machine using Servo Motor	Dr.A.Punitha Ahamed Rifath Md Ithyas Md Hussain	MCT	Journal of Huazhong University of Science and Technology	2020-2021	1671-4512	http://hustjournal.com/	https://app.box.com/s/uxrrm3ig2vilsyqc25b6y9t87skvl	UGC Care approved group 'a' journal list 1 - pg no 221 (14773)
2020-2021	Smart Method for Tollgate Billing System Using RSSI	Dr.A.Punitha S.Raghupathi	MCT	IEEE EXPLORE	2020-2021	1803-7232	https://ieeexplore.iee.org/document/9404596	https://ieeexplore.iee.org/document/9404596	Scopus
2020-2021	Smart Sawage water system using GSM Enabled Sensor	M.Subapradha A.Balaji M.Deepak M.E.Mohamed Fahees	MCT	Infokara Research journal	2020-2021	1021-9056	http://infokara.com/	http://infokara.com/Volum-10-Issue-5-2021/	UGC Care approved group 'a' journal list 1 - pg no 236 (15775)
2020-2021	Integration of 3D MEMS Accelerometer Sensor	M.Suba Pradha J..Roselin Suganthi C.Malarvazhi S.Susiladevi	MCT	Annals of R.S.C.B	2020-2021	1583-6258	https://annalsofscb.ro/index.php/journal/article/view/2269	https://annalsofscb.ro/index.php/journal/article/view/2269	UGC Care approved group 'a' journal list 1 - pg no 40 (2623)
2020-2021	Investigation of Tensile and wear properties of aluminium metal matrix composite	M.Suba Pradha M.Armugasamy V.Vaitheeswari	MCT	IOP Conference Series: Material Science and Engineering	2020-2021	923 012060	https://iopscience.iop.org/article/10.1088/1757-899X/923/1/012060	https://iopscience.iop.org/article/10.1088/1757-899X/923/1/012060	Scopus
2020-2021	Load Balancing For Hybrid LIFI And WIFI Networks	J.Roselin Suganthi M.Suba Pradha S.Sivaranjani S.Susiladevi S.S.Sathya S.Saravanan	MCT	Annals of R.S.C.B	2020-2021	1583-6258	https://www.annalsofscb.ro/index.php/journal/article/view/5483	https://www.annalsofscb.ro/index.php/journal/article/view/5483	UGC Care approved group 'a' journal list 1 - pg no 40 (2623)
2020-2021	Monitoring Solid Waste In Smart Cities Using Iot For Green And Safe Environment	S.Saravanan P.Sudha M.Subapradha	MCT	Journal Of Huazhong University Of Science And Technology	2020-2021	1671-4512	http://hustjournal.com/	http://hustjournal.com/vol502021june-2/	UGC Care approved group 'a' journal list 1 - pg no 221 (14773)



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2020-2021	Smart Speed breaking System for Emergency Vehicles by using RFID	M.Chandrasekar Md Ashib Mageshwaren M Niyas Ahamed Md Nowfull	MCT	Journal Of Huazhong University Of Science And Technology	2020-2021	1671-4512	http://hustjournal.com/	https://app.box.com/s/z69yvf06aac84s0n0wh6fc3pdwzix9z	UGC Care approved group 'a' journal list 1 - pg no 221 (14773)
2020-2021	Incidence of fatal Pedestrian Collision and vehicle speeds control	M.Chandrasekar Hasan Harun A Praveen S Subash Chandrasn R	MCT	International Journal of Mechanical Engineering	2020-2021	2348-8360	https://www.internationaljournalsrsg.org/IJME/paper-details?id=381	https://www.internationaljournalsrsg.org/IJME/paper-details?id=381	Others
2020-2021	Influence of trivalent lanthanides substitution on the thermoelectric properties of nanostructured $\text{Ca}_{1-x}\text{Ln}_3+x\text{MnO}_{3-\delta}$ ($\text{Ln}^{3+} = \text{Sm, Ce, La}; x=0, 0.1$)	S. Berbeth Mary, M. Francis, V.G. Sathe, V. Ganesan, A. Leo Rajesh	S&H	Journal of Materials Science: Materials in Electronics	2020-2021	0957-4522	https://doi.org/10.1007/s10854-020-03205-0	https://doi.org/10.1007/s10854-020-03205-0	SCOPUS
2019-2020	Theft Identification System Based on Face Recognition Using Iot	S.Murugavalli	CSE	Studies in Indian Place Names	2019-2020	2394-3114	https://publons.com/journal/630276/studies-in-indian-place-names/	https://publons.com/journal/630276/studies-in-indian-place-names/	UGC CARE LIST
2019-2020	Efficient Intrusion Detection System of Botnet Command and Control Traffic	G.Rajeshkumar	CSE	Studies in Indian Place Names	2019- 2020	2394-3114	https://publons.com/journal/630276/studies-in-indian-place-names/	https://publons.com/journal/630276/studies-in-indian-place-names/	UGC CARE LIST
2019-2020	Comparative study of mechanical technologies over laser technology for drilling carbon fiber reinforced polymer materials	Dr.D.Raj Kumar Vellaisamy Balasubramaniama Poovaraj Ranjithkumar c Chinnaiyan Sathiya Narayanand	MECH	Indian Journal of Engineering & Materials Sciences	2019- 2020	0975-1017	http://nopr.niscair.res.in	http://nopr.niscair.res.in/handle/123456789/54333	UGC Care approved group 'a' journal list 1 - pg no 232 (15529)
2019-2020	Investigation on Drilling Behavior of CFRP Composites Using Optimization Technique	Dr.D.Raj Kumar N. Jeyaprakash Che-Hua Yang K. R. Ramkumar	MECH	Arabian Journal for Science and Engineering	2019- 2020	2191-4281	https://link.springer.com/content/pdf/10.1007/s13369-020-04649-6.pdf	https://link.springer.com/content/pdf/10.1007/s13369-020-04649-6.pdf	UGC Care approved group 'a' journal list 1 - pg no 46 (3075)
2019-2020	Minimum cutting thickness and surface roughness achieving during micromachining of aluminium 19000 using CNC machine	Dr.D.Raj Kumar N. Jeyaprakash Che-Hua Yang	MECH	Materials Today: Proceedings	2019- 2020	2214-7853	https://doi.org/10.1016/j.matpr.2019.06.753	https://doi.org/10.1016/j.matpr.2019.06.753	Scopus

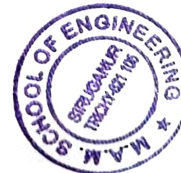
2019-2020	Machinability study on CFRP composite using Taguchi based grey relational analysis	Dr.D.Rajkumar N. Jeyaprakash Che-Hua Yang	MECH	Materials Today proceedings(ELSEVIER)	2019- 2020	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785319332018	https://www.sciencedirect.com/science/article/pii/S2214785319332018	Scopus
2019-2020	Investigation of high temperature wear performance on laser processed nodular iron using optimization techniques	Dr.D.Rajkumar N.Jayaprakash Che-Hua Yang Muthukannan DuraiSelvam G.Prabhu Sheng-Po Tseng	MECH	Results in physics (ELSEVIER)	2019- 2020	2211-3797	www.elsevier.com/locate/rinp	https://doi.org/10.1016/j.rinp.2019.102585	UGC Care approved group 'a' journal list 1 - pg no 480 (32129)
2019-2020	Design and implementation of arithmetic and logical block using QCA technology	T.Ashok M.Chandrasekar	MECH	International Journal of Intellectual Advancements and Research in Engineering Computations	2019- 2020	2348-2079	https://ijiarec.com/ijiarec/article/view/162	https://ijiarec.com/ijiarec/article/view/162	Others
2019-2020	Influence of Surfactant Concentrations on N-Type Nanostructured Thermoelectric Oxide CaMnO ₃₋₅	S. Berbeth Mary, A. Leo Rajesh	S&H	International Journal of Engineering Research & Technology (IJERT)	2019- 2020	2278-0181	https://www.ijert.org/research/influence-of-surfactant-concentrations-on-n-type-nanostructured-thermoelectric-oxide-camno3-IJERTV8IS090145.pdf	IJERTV8IS090145	SCOPUS
2019-2020	Enhanced thermoelectric property of nanostructured CaMnO ₃ by sol-gel hydrothermal method	S. Berbeth Mary, M. Francis , V.G. Sathe, V. Ganesan, A. Leo Rajesh	S&H	Physica B: Physics of Condensed Matter	2019- 2020	0921-4526	https://doi.org/10.1016/j.physb.2019.411707	https://doi.org/10.1016/j.physb.2019.411707	SCOPUS
2018-2019	Microstructural characterization and mechanical properties of AJ7075/BN metal matrix composites prepared by conventional casting method	K. Chandrasekaran	MECH	Material Research Express	2018-2019	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab07e2	https://iopscience.iop.org/article/10.1088/2053-1591/ab07e2/meta	Other
2018-2019	Smart energy monitoring system using IOT	K.Umarani	MCT	International journal of Computational research and development (IJCRD)	2018-2019	2456 - 3137	http://ijcrd.dvpublication.com/	http://ijcrd.dvpublication.com/2019/06/10/smart-energy-monitoring-system-using-iot	others

2018-2019	Assessment of fabricated Aluminium Alloy channels: process capability index	Dr.D.Rajkumar R. Saravanan P. Navaneetha krishnan	MECH	Engineering reports	2018-2019	348914911	https://www.researchgate.net	https://www.researchgate.net/publication/348914911_ASSESSMENT_OF_FABRICATED_ALUMINIUM_ALLOY_CHANNELS_PROCESS_CAPABILITY_INDEX	Scopus
2018-2019	A technique to solve parametric triangular number fuzzy transportation Problem	Dr.Faritha ashma & Meena C	S&H	International Journal of Research in Advent Technology	2018-2019	2321-9637	www.ijrat.org	www.ijrat.org	UGC CARE LIST
2017-2018	Lossless image compression using an efficient huffman coding	K.Umarani,N.Logeshkumar	ECE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2017-2018	2321-9653	www.ijraset.com	https://www.ijraset.com/fileserve.php?FID=11527	others
2017-2018	Advanced autonomous vehicle systems and adaptive cruise by using internet of things	T.Ashok,M.Chandrasekar	ECE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2017-2018	2321-9653	www.ijraset.com	https://www.ijraset.com/fileserve.php?FID=11918	others
2017-2018	AN energy efficient MAC protocol for WSN based on quorum concept	T.Ashok,M.Chandrasekar	ECE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2017-2018	2321-9653	www.ijraset.com	https://www.ijraset.com/fileserve.php?FID=11661	others
2017-2018	Stepped Multicarrier SPWM Techniques for Seven level Cascaded Inverter	M.Meenkshi	EEE	International Journal of Emerging Technology in Engineering Research(IJETER)	2017-2018	2454-6410	https://www.ijeter.everescience.org	https://www.ijeter.everescience.org/Manuscripts/Volume-5/Issue-12/Vol-5-Issue-12-M-08.pdf	Others
2017-2018	Development of Multicarrier SPWM Techniques for Cascaded MLI	M.Dharani Devi	EEE	International Journal of Computational Engineering Research (IJCER)	2017-2018	2250 – 3005	https://www.researchgate.net	https://www.researchgate.net/publication/320867741_Development_of_Multicarrier_SPWM_Techniques_for_Cascaded_MLI	Others
2017-2018	Implementation of different PWM control strategy for Cascaded MLI	M.Dharani Devi	EEE	Journal of Network Communication and Emerging Technologies(JNCET)	2017-2018	2395-5317	https://www.jncet.org	https://www.jncet.org/Manuscripts/Volume-8/Issue-4/Vol-8-Issue-4-M-27.pdf	Others
2017-2018	Alignment test on portable tabletop mini lathe	1.Ranjithkumar P, 2.Kannan TTM, 3.R.Ramanathan, 4.K.Chandrasekaran	MECH	Journal of Manufacturing Engineering	2017-2018	0973-6867	www.smenec.org	http://smenec.org/index.php/1/article/view/105	others

2017-2018	Tribological behaviour for stir cast Al5086/gr/Al2O3 hybrid matrix composite	1. K. Chandrasekaran, 2.S.Ajith, 3.P.Abbas 4.A.Yasar Arafath, 5.K.Vinoth Kumar	MECH	International Journal of Trendy research in Engineering and Technology (JTRET)	2017-2018	2582-0958	www.trendytechjournals.com	https://www.trendytechjournals.com/files/issues/volume2/issue2-1-1.pdf	others
2017-2018	Fabrication and Optimization of MEMS based Micro Grinder	Dr. K. Chandrasekaran T.T.M Kannan R.Ramanathan S.Surya	MECH	International Journal of Engineering Research in Mechanical and Civil Engineering	2017-2018	2456-1290	https://www.technoarete.org/	https://www.technoarete.org/common_abstract/pdf/IJERMCE/v4/i12/Ext_02658.pdf	Scopus
2017-2018	Taguchi and response surface methodologies engaged for surface roughness in cnc turning aisi 316 by multilayered coated tool	Dr. K. Chandrasekaran R.Ramanathan T.T.M Kannan P.Ranjithkumar	MECH	Manufacturing Engineering	2017-2018	0973-6867	http://smenec.org/index.php/1	https://smenec.org/index.php/1/article/view/146	UGC Care approved group 'a' journal list 1 - pg no 378(25300)
2017-2018	Workability Behavior of Hybrid Copper Matrix Composites Synthesized by Powder Metallurgy Technique	Ranjithkumar P	MECH	Materials and Mechanical Engineering	2017-2018	2354-0192	http://kdm.p.lodz.pl/articles/2017/21_2_3.pdf	http://kdm.p.lodz.pl/articles/2017/21_2_3.pdf	Other
2017-2018	Synthesis, Characterization and forming behavior of hybrid copper matrix composites produced using powder metallurgy	Ranjithkumar P	Department of Mechanical Engineering	International Journal of Materials Research	2017-2018	2195-8556	https://www.degruyter.com/journal/key/ijmr/html	https://www.degruyter.com/document/doi/10.3139/146.111510/html	Other
2017-2018	Design and Fabrication of smart stair climbing and stuff delivering robot	M.Chandra Mohan	MCT	International Journal for research in applied science and Engineering Technology	2017-2018	2321-9653	https://www.ijraset.com/	https://www.ijraset.com/archive-detail.php?AID=65#	UGC
2017-2018	Effect of pH on Thermoelectric Oxide Ca3Co4O9	S. Berbeth Mary, D. Edward Christy, A. Panithra Amuthini, A. Leo Rajesh	S&H	International Journal of Advance Engineering and Research Development	2017-2018	2348-4470	http://www.ijaerd.com/papers/special_papers/NCN016.pdf	http://www.ijaerd.com/papers/special_papers/NCN016.pdf	UGC CARE LIST
2017-2018	Hydrothermal Synthesis of Perovskite Oxides CaMnO3 and SrMnO3	S. Berbeth Mary, D. Edward Christy, S. Selvakumari, A. Leo Rajesh	S&H	International Journal of Advance Engineering and Research Development	2017-2018	2348-4471	http://www.ijaerd.com/papers/special_papers/NCN017.pdf	http://www.ijaerd.com/papers/special_papers/NCN017.pdf	UGC CARE LIST
2017-2018	Synthesis and Characterization of Cerium doped CaMnO3 Nanoparticles	S. Berbeth Mary, A. Leo Rajesh	S&H	International Journal of Scientific Research in Science and Technology (IJSRST)	2017-2018	2395-602X	https://1library.net/title/synthesis-and-characterization-of-cerium-doped-camno-nanoparticles	https://www.ijrst.com/paper/2380.pdf	UGC CARE LIST

2016-2017	Emission control in modified KIROLOSKER TV-1 diesel engine by Aqua silencer	P.Kaviyarasu	Aeronautical	International Journal of Advanced and Innovative Research	2016-2017	2278-7844	http://ijairjournal.in/	http://www.root/temp/ijair/	Others
2016-2017	Effect of geometric twist on wind turbine blade	S.Anand	Aeronautical	International Journal of Advanced and Innovative Research	2016-2017	2278-7844	http://ijairjournal.in/	http://www.root/temp/ijair/May2016/157.pdf	Others
2016-2017	Design and analysis of mechanical and thermal behaviour of shape memory alloy in engine's intake and exhaust	P.Kaviyarasu	Aeronautical	International Journal of current Innovation Research	2016-2017	2395 -5775	https://web.archive.org/web/20210505211049/http://www.journalijcir.com/	https://web.archive.org/web/20190805204626/http://www.journalijcir.com/sites/default/files/issue-files/IJCIR-A-00369.pdf	Others
2016-2017	Nd-YAG Laser cutting on Stainless steel	R.Ramanathan, T.Uma Sankari, M.P.Tamizhmani	Aeronautical	Imperial Journal of Interdisciplinary Research (IJIR)	2016-2017	2454-1362	http://www.onlinejournal.in/IJIRV217/081.pdf		Other
2016-2017	Innovative Method to Secure ECG Signal using ECC in Wireless Communication	Dr. R.Ilango N.Karthika	EEE	International Journal for Modern Trends in Science and Technology	2016-2017	ISSN: 2455-3778	https://www.ijmtst.com/	https://www.ijmtst.com/vol3issue5/IJMTSTTRPEEE1039.pdf	Others
2016-2017	Asymmetrical Half Bridge Flyback Converter with Wind Energy	V.Sivashankari M.Sasikala R.Raghavi	EEE	Imperial Journal of Interdisciplinary Research	2016-2017	ISSN: 2454-1362	http://www.onlinejournal.in/IJIRV31/201.pdf		Others
2016-2017	Multi-Objective Optimization of Electric Discharge Machining of Hybrid copper composite using Taguchi Grey Relational Analysis	Ranjithkumar P	MECH	Journal of Advances in Chemistry	2016-2017	2321-807X	https://www.researchgate.net/publication/317368727	Multi-Objective Optimization of Electric Discharge Machining of Hybrid Copper Composite Using Taguchi Grey Relational Analysis	Other
2016-2017	Optimization kerf Width and surface Roughness in wirecut Electrical Discharge Machining Using Brass Wire	Panneer Selvam M, Ranjithkumar P	MECH	Mechanics and Mechanical Engineering	2016-2017	2354-0192	http://www.kdm.p.lodz.pl/	http://www.kdm.p.lodz.pl/articles/2017/21_1_5.pdf	Other
2016-2017	Parametric Optimization of Aspect Ratio on Carbon Fiber Reinforced Polymer by Using Taguchi Method	Ranjithkumar P	MECH	International Journal of Advanced Engineering Technology	2016-2017	0976-3945	https://www.technicaljournalsonline.com/jeat/	https://www.technicaljournalsonline.com/jeat/VOL%20VIII/JAET%20VOL%20VII%20ISSUE%20I%20APRIL%20JUNE%202016/201672198.pdf	Other

2016-2017	Experimental Investigation of Machining Parameters in Electrical Discharge Machining using OHNS Material	Ranjithkumar P	MECH	Asian Journal of Research in Social Sciences and Humanities	2016-2017	2249-7315	www.aijsh.com	https://www.indianjournals.com/ijor.aspx?target=ijor:airssh&volume=6&issue=12&article=057	Other
2016-2017	Experimental Investigation of machining parameters in Electrical Discharge Machining using EN 36 Material	Ranjithkumar P, Panneer Selvam M., Deepak U.	MECH	ARPN Journal of Engineering and Applied Sciences	2016-2017	1819-6608	www.arpnjournals.com	http://www.arpnjournals.com/jeas/archive.htm	Other
2016-2017	Al6061 Hybrid Metal Matrix Composite Reinforced with Alumina and Molybdenum Disulphide	Dr. K. Chandrasekaran G. Pitchayapillai P. Seenikannan K. Raja	MECH	Advances in Materials Science and Engineering	2016-2017	1687-8442	https://www.hindawi.com/journals/amse/2016/6127624/	https://downloads.hindawi.com/journals/amse/2016/6127624.pdf	UGC Care approved group 'a' journal list 1 - pg no 17(1126) or ANNEXURE I & II (Pg No 217 &219)
2016-2017	Soft Structures on Fuzzy Version of Soft INT G-Modules	Dr.R.NAGARAJAN &K.BALAMURUGAN	S&H	International Journal of Innovative Science, Engineering and Technology	2016-2017	2348-7968	http://www.ijiset.com/	http://ijiset.com/vol3/v3s6/IJSET_V3_I6_63.pdf	UGC CARE LIST
2016-2017	Soft Union Fuzzy structures of G-Modules	Dr.R.NAGARAJAN & K.BALAMURUGAN	S&H	International Journal of Scientific Research and Modern Education	2016-2017	2455-5630	http://ijsrme.rmodernresearch.com/	http://ijsrme.rmodernresearch.com/wp-content/uploads/2016/06/82.pdf	UGC CARE LIST
2016-2017	Group action on G-invariant Fuzzy sub Lattice with thresholds of Complemented Lattices	Dr.R.NAGARAJAN & K.BALAMURUGAN	S&H	International Journal of Applied Research	2016-2017	2394-7500	https://www.allresearchjournal.com/archives/	https://www.allresearchjournal.com/archives/?year=2016&vol=2&issue=6&part=N&ArticleId=2212	UGC CARE LIST
2016-2017	Brief Discussion on T-Level Complex Fuzzy subgroup	Dr.R.NAGARAJAN & K.BALAMURUGAN	S&H	International Journal of Applied Research	2016-2017	2394-7500	https://www.allresearchjournal.com/	https://www.allresearchjournal.com/archives/2016/vol2issue6/PartO/2-6-134-784.pdf	UGC CARE LIST



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3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Year	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
2020-2021	Fast Detection of Transformed Data Leaks in Wireless Sensor Network	K.Sathishkumar	CSE	International Journal of Scientific Research in Engineering and Management	2020-2021	2582-3930	http://ijsrem.com/volume-05-issue-04-april-2021/	http://ijsrem.com/volume-05-issue-04-april-2021/	Others
2020-2021	Automatic Lake Cleaning Robot Using IOT	P.Kavitha	ECE	Journal of Huazhong University of Science and Technology	2020-2021	1671-4512	http://hustjournal.com http://hxstxxins.asia/	https://app.box.com/s/090w9p2neja027ifho9ag01kilzs2xnz	UGC Approved journal
2020-2021	A novelty approach for ATM security using smart vision	P.Kavitha	ECE	International Research Journal of Modernization in Engineering Technology and	2020-2021	2582-5208	http://www.irjmets.com/	https://www.irjmets.com/uploadedfiles/paper/volume3/issue_4_april_2021/8749/1628083360.pdf	Others
2020-2021	IOT based fuel station monitoring	K.Karthikeyan	ECE	Infokara Research	2020-2021	1021-9056	http://infokara.com/	https://drive.google.com/file/d/1u-4fS7oJ5AFPGjWGgz0SIGnvOal_aQB6M/vi	UGC Approved journal
2020-2021	Intelligent Remainder Medicine Pill Box using IOT	Dr.Abdur Rahman N	ECE	Infokara Research	2020-2021	1021-9056	http://infokara.com/	https://drive.google.com/file/d/1_YTs4RGDm5HIHgOQPwEMyJOnVz0wL-Hm/view	UGC Approved journal
2020-2021	Bluetooth and GSM based intelligent vehicle systems for women safety using embedded technology	P.Kavitha,T.Ashok	ECE	International Journal Of Information And Computing Science	2020-2021	0972-1347	http://www.ijics.com/	https://drive.google.com/file/d/110XEu1enjsFjoVrWYJYNW0gkH0svOSSc/view	Others
2020-2021	IOT based Smart Electronic Digital Notice Board	K.Karthikeyan,A.Karthickkumar,P.Kavitha	ECE	International Journal of Information and Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1XyLHlclY6nr9O1Y53KbYqSDBI1UcEr5g/view	Others
2020-2021	Medical Handwritten Prescription Recognition Using CRNN	K.Karthikeyan,A.Karthickkumar,P.Kavitha	ECE	International Journal of Information and Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1KOjSy80tftpMef2KwWub_en-ProZ-sr/view	Others
2020-2021	Secured Communication In Aircraft System Using LIFI For Military Application	P.Kavitha,K.Karthikeyan,A.Karthickkumar,K.Umarani	ECE	International Journal Of Information And Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1y1UzLcHv8j9TDSR-IFNanm_suXXMIW8/view	Others

2020-2021	IOT enabled economic human safety for co emission constraints with sekf-alert system	T.Ashok,P.Kavitha,M.C handrasekar	ECE	International Journal Of Information And Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1NtsrSE6amicLO2kJ3bJ6UGPevZAyVcPd/view	Others
2020-2021	Eradiction of Hydraulic anomalies using smart sewer inspection robot	P.Kavitha	ECE	international journal of advance research, ideas and innovations in technology	2020-2021	2454-132X	https://www.ijariit.com/	https://www.ijariit.com/manuscripts/v5i2/V5I2-1728.pdf	Others
2020-2021	Neural Network Controller Based U HVDC For Enhancement Of Transient Compensation In Integrating Offshore Wind Power Plant	G. Purushothaman, A.Senthamaraikannan, Dr.M.Sangeetha	EEE	International Journal of Research and analytical reviews	2020-2021	2349-5138	http://www.ijrar.org	http://www.ijrar.org/IJRAR19W1220.pdf	Others
2020-2021	Photovoltaic Charge Controller For Electric Vehicle Using Back Stepping Algorithm.	G. Purushothaman,Dr.M. Sangeetha	EEE	International journal of multidisciplinary educational research	2020-2021	2277-7881	http://www.ijmer.in/	http://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume10/volume10-issue2(4)/26.pdf	Web of science
2020-2021	Solar Powered Water Management System Using Smart Card.	G. Purushothaman, Dr.M.Sangeetha	EEE	Turkish journal of computer & mathematics education	2020-2021	2879-2883	https://www.turcomat.org	https://www.turcomat.org/index.php/turkbilmat/article/view/4375	scopus
2020-2021	Design and Implementation of Row or Column wise Banana Tree Cutter using IoT	Dr.M.Sangeetha	EEE	Grenze International Journal of Engineering & Technology	2020-2021	2395-5295	http://gijcte.thegrenze.com/	http://www.thegrenze.com/doigrenze/index.php Grenze ID: 01.GIJET.7.1.613	scopus
2020-2021	Wear Characterization Of aluminium (Lm25) Metal Matrix Composite Reinforced with Sic and Mos2 on Various Heat Treatments	S.Venkatraman, R.Ramanathan, A.Mohankumar, M.Vimalkumar	MECH	International Journal of All Research Education and Scientific Methods (IJARESM)	2020-2021	2455-6211	www.ijaresm.com	http://www.ijaresm.com/wear-characterization-of-aluminium-lm25-metal-matrix-composite-reinforced-with-sic-and-mos2-on-various-heat-treatments	Others
2020-2021	Optimization of Parameters for Nitronic-60 on Wire-Cut Electrical Discharge Machining using Zinc-Coated Wire	K. Chandrasekaran	MECH	The Electrochemical Society Advanced solid state & electrochemical science and Society	2020-2021	1757-8981	https://iopscience.iop.org/issue/1757-899X/1126/1	https://iopscience.iop.org/article/10.1088/1757-899X/1126/1/012043/meta	Others

2020-2021	A Study of Added SiC Powder in Kerosene for the Blind Square Hole Machining of CFRP Using Electrical Discharge Machining	K. Chandrasekaran	MECH	Silicon Springer	2020-2021	18769918	https://link.springer.com/article/10.1007/s12633-021-01243-9	Others	
2020-2021	Rain tree (Samanea saman) seed oil: Solvent extraction, optimization and characterization	Mr.M.Vimalkumar	MECH	Journal of Bioresources and Bioproducts	2020-2021	2369-9698	https://www.sciencedirect.com/science/article/pii/S2369969821000372	Others	
2020-2021	Investigation on mechanical and tribological properties of AA5083/Gr/BN and AA5083/Gr/Al2O3 hybrid composites for marine applications	K. Chandrasekaran	MECH	Interciencia Journal	2020-2021	0378-1844	https://intercienciajournal.com/intercien/index.php/archive/part/45/2/1/?currentVol=45&currentissue=2#	Others	
2020-2021	Characteristic analysis of dissimilar metal weld for AISI304 with SA213T22 in super heater coils	K.Chandrasekaran, R.Ramanathan, P.Ranjithkumar	MECH	Elsevier	2020-2021	2214-7853	https://doi.org/10.1016/j.matpr.2020.12.671	https://www.sciencedirect.com/science/article/pii/S2214785320403888	Others
2020-2021	Investigation of Nitronic 60 using Zinc Coated Wire	Ranjithkumar P, Panneer Selvam M, R.Ramanathan, K.Chandrasekaran	MECH	Intan Huatan Jisuan Jis	2020-2021	1001-1749	http://wthtjssj.cn	http://wthtjssj.cn/gallery/14-whij-june%20-5437.pdf	Others
2020-2021	Optimization of Drilling Process Parameters of Electrical Discharge Machining in INCONEL 718 Material	Ranjithkumar P, Panneer Selvam M, R.Ramanathan, K.Chandrasekaran	MECH	AG & ORGANISATIE R	2020-2021	0921-5077	http://lemma-tijdschriften.com/gallery/goj-1751.pdf	Others	
2020-2021	Investigation of Micro-Hole Quality in Drilled CFRP Laminates Through CO2 Laser	Dr.D.Raj Kumar N. Ramanujam, S. Dhanabalan, N. Jeyaprakash	MECH	Arabian Journal for Science and Engineering	2020-2021	7557-7575	https://www.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-021-05505-x	Scopus
2020-2021	Optimization of Drilling Process on Carbon-Fiber Reinforced Plastics Using Genetic-Algorithm	Dr.D.Raj Kumar N.Jayaprakash Che-Hau Yang S.Sivasankaran	MECH	Surface Review and Letters	2020-2021	1793-6667	https://www.worldscientific.com/	https://www.worldscientific.com/doi/abs/10.1142/S0218625X20500560	Others
2020-2021	Machinability evaluation and comparison of Incoloy 825, Inconel 603 XL, Monel K400 and Inconel 600 super alloys in wire electrical discharge machining	Dr.D.Raj Kumar K. Manikandana P. Ranjith kumar K. Palanikumar	MECH	Journal of materials research and technology	2020-2021	2238-7854	https://doi.org/10.1016/j.jmrt.2020.08.049	https://doi.org/10.1016/j.jmrt.2020.08.049	UGC Care approved group 'a' journal list 1 - pg no 323 (21608)

2020-2021	Laser Surface Modification of Materials	Dr.D.Raj Kumar Natarajan Jeyaprakash Che-Hua Yang	MECH	Laser Ablation	2020-2021	94439	www.intechopen.com	http://dx.doi.org/10.5772/intechopen.94439	Scopus
2020-2021	Investigation on laser square hole drilling of AA7475/SiC/ZrSiO4 composites	Dr.D.Raj Kumar V. Senthil Kannan K. Lenin D. Srinivasan	MECH	silicon	2020-2021	18769918	https://link.springer.com/article/10.1007/s12633-021-01252-8	https://link.springer.com/article/10.1007/s12633-021-01252-8	Others
2020-2021	Implementation of Automatic Garments Folding Machine using Servo Motor	Dr.A.Punitha Ahamed Rifath Md Ithyas Md Hussain	MCT	Journal of Huazhong University of Science and Technology	2020-2021	1671-4512	http://hustjournal.com/	https://app.box.com/s/uxrrm3iq2vilsjyqc5bbyf9t87skvll	UGC Care approved group 'a' journal list 1 - pg no 221 (14773)
2020-2021	Smart Method for Tollgate Billing System Using RSSI	Dr.A.Punitha S.Raghupathi	MCT	IEEE EXPLORE	2020-2021	1803-7232	https://ieeexplore.ieee.org/document/9404596	https://ieeexplore.ieee.org/document/9404596	Scopus
2020-2021	Smart Sawage water system using GSM Enabled Sensor	M.Subapradha A.Balaji M.Deepak M.E.Mohamed Fahees	MCT	Infokara Research journal	2020-2021	1021-9056	http://infokara.com/	http://infokara.com/Volume-10-Issue-5-2021/	UGC Care approved group 'a' journal list 1 - pg no 236 (15775)
2020-2021	Integration of 3D MEMS Accelerometer Sensor	M.Suba Pradha J..Roselin Suganthi C.Malarvazhi S.Susiladevi	MCT	Annals of R.S.C.B	2020-2021	1583-6258	https://annalsofrscb.ro/index.php/journal/article/view/2269	https://annalsofrscb.ro/index.php/journal/article/view/2269	UGC Care approved group 'a' journal list 1 - pg no 40 (2623)
2020-2021	Investigation of Tensile and wear properties of aluminium metal matrix composite	M.Suba Pradha M.Armugasamy V.Vaitheeswari	MCT	IOP Conference Series: Material Science and Engineering	2020-2021	923 012060	https://iopscience.iop.org/article/10.1088/1757-899X/923/1/012060	https://iopscience.iop.org/article/10.1088/1757-899X/923/1/012060	Scopus
2020-2021	Load Balancing For Hybrid LIFI And WIFI Networks	J.Roselin Suganthi M.Suba Pradha S.Sivaranjani S.Susiladevi S.S.Sathya S.Saravanan	MCT	Annals of R.S.C.B	2020-2021	1583-6258	https://www.annalsofrscb.ro/index.php/journal/article/view/5483	https://www.annalsofrscb.ro/index.php/journal/article/view/5483	UGC Care approved group 'a' journal list 1 - pg no 40 (2623)
2020-2021	Monitoring Solid Waste In Smart Cities Using IoT For Green And Safe Environment	S.Saravanan P.Sudha M.Subapradha	MCT	Journal Of Huazhong University Of Science And Technology	2020-2021	1671-4512	http://hustjournal.com/	http://hustjournal.com/vol502021june-2/	UGC Care approved group 'a' journal list 1 - pg no 221 (14773)

2020-2021	Smart Speed breaking System for Emergency Vehicles by using RFID	M.Chandrasekar Md Ashib Mageshwaren M Niyas Ahamed Md Nowfull	MCT	Journal Of Huazhong University Of Science And Technology	2020-2021	1671-4512	http://hustjournal.com/	https://app.box.com/s/z69yvfo6gac84s0n0wh6fc3pdwzix9z	UGC Care approved group 'a' journal list 1 - pg no 221 (14773)
2020-2021	Incidence of fatal Pedestrian Collision and vehicle speeds control	M.Chandrasekar Hasan Harun A Praveen S Subash Chandrasn R	MCT	International Journal of Mechanical Engineering	2020-2021	2348-8360	https://www.internationaljournalssrg.org/IJME/paper-details?Id=381	https://www.internationaljournalssrg.org/IJME/paper-details?Id=381	Others
2020-2021	Influence of trivalent lanthanides substitution on the thermoelectric properties of nanostructured $\text{Ca}_{1-x}\text{Ln}_x\text{MnO}_{3-\delta}$ ($\text{Ln}^{3+} = \text{Sm, Ce, La}$; $x=0, 0.1$)	S. Berbeth Mary, M. Francis, V.G. Sathe, V. Ganesan, A. Leo Rajesh	S&H	Journal of Materials Science: Materials in Electronics	2020-2021	0957-4522	https://doi.org/10.1007/s10854-020-03205-0	https://doi.org/10.1007/s10854-020-03205-0	SCOPUS
2019-2020	Theft Identification System Based on Face Recognition Using IoT	S.Murugavalli	CSE	Studies in Indian Place Names	2019-2020	2394-3114	https://publons.com/journal/630276/studies-in-indian-place-names/	https://publons.com/journal/630276/studies-in-indian-place-names/	UGC CARE LIST
2019-2020	Efficient Intrusion Detection System of Botnet Command and Control Traffic	G.Rajeshkumar	CSE	Studies in Indian Place Names	2019- 2020	2394-3114	https://publons.com/journal/630276/studies-in-indian-place-names/	https://publons.com/journal/630276/studies-in-indian-place-names/	UGC CARE LIST
2019-2020	Comparative study of mechanical technologies over laser technology for drilling carbon fiber reinforced polymer materials	Dr.D.Raj Kumar Vellaisamy Balasubramaniama Poovaraj Ranjithkumar Chinnaiyan Sathiya Narayanand	MECH	Indian Journal of Engineering & Materials Sciences	2019- 2020	0975-1017	http://nopr.niscair.res.in	http://nopr.niscair.res.in/handle/123456789/54333	UGC Care approved group 'a' journal list 1 - pg no 232 (15529)
2019-2020	Investigation on Drilling Behavior of CFRP Composites Using Optimization Technique	Dr.D.Raj Kumar N. Jeyaprakash Che-Hua Yang K. R. Ramkumar	MECH	Arabian Journal for Science and Engineering	2019- 2020	2191-4281	https://link.springer.com/content/pdf/10.1007/s13369-020-04649-6.pdf	https://link.springer.com/content/pdf/10.1007/s13369-020-04649-6.pdf	UGC Care approved group 'a' journal list 1 - pg no 46 (3075)
2019-2020	Minimum cutting thickness and surface roughness achieving during micromachining of aluminium 19000 using CNC machine	Dr.D.Raj Kumar N. Jeyaprakash Che-Hua Yang	MECH	Materials Today: Proceedings	2019- 2020	2214-7853	https://doi.org/10.1016/j.matpr.2019.06.753	https://doi.org/10.1016/j.matpr.2019.06.753	Scopus

2019-2020	Machinability study on CFRP composite using Taguchi based grey relational analysis	Dr.D.Rajkumar N. Jeyaprakash Che-Hua Yang	MECH	Materials Today proceedings(ELSEVIER)	2019- 2020	2214-7853	https://www.sciencedirect.com/	https://www.sciencedirect.com/science/article/pii/S2214785319332018	Scopus
2019-2020	Investigation of high temperature wear performance on laser processed nodular iron using optimization techniques	Dr.D.Rajkumar N.Jayaprakash Che-Hua Yang Muthukannan Duraiselvam G.Prabhu Sheng-Po Tseng	MECH	Results in physics (ELSEVIER)	2019- 2020	2211-3797	www.elsevier.com/locate/rinp	https://doi.org/10.1016/j.rinp.2019.102585	UGC Care approved group 'a' journal list 1 - pg no 480 (32129)
2019-2020	Design and implementation of arithmetic and logical block using QCA technology	T.Ashok M.Chandrasekar	MECH	International Journal of Intellectual Advancements and Research in Engineering Computations	2019- 2020	2348-2079	https://ijiarec.com/ijiarec/article/view/162	https://ijiarec.com/ijiarec/article/view/162	Others
2019-2020	Influence of Surfactant Concentrations on N-Type Nanostructured Thermoelectric Oxide CaMnO _{3-δ}	S. Berbeth Mary, A. Leo Rajesh	S&H	International Journal of Engineering Research & Technology (IJERT)	2019- 2020	2278-0181	https://www.ijert.org/research/influence-of-surfactant-concentrations-on-n-type-nanostructured-thermoelectric-oxide-camno3-IJERTV8IS090145.pdf	IJERTV8IS090145	SCOPUS
2019-2020	Enhanced thermoelectric property of nanostructured CaMnO ₃ by sol-gel hydrothermal method	S. Berbeth Mary, M. Francis , V.G. Sathe, V. Ganesan, A. Leo Rajesh	S&H	Physica B: Physics of Condensed Matter	2019- 2020	0921-4526	Enhanced thermoelectric property of nanostructured CaMnO₃ by sol-gel hydrothermal method - ScienceDirect	https://doi.org/10.1016/j.physb.2019.411707	SCOPUS
2018-2019	Microstructural characterization and mechanical properties of Al7075/BN metal matrix composites prepared by conventional casting method	K. Chandrasekaran	MECH	Material Research Express	2018-2019	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab07e2	https://iopscience.iop.org/article/10.1088/2053-1591/ab07e2/meta	Other
2018-2019	Smart energy monitoring system using IOT	K.Umarani	MCT	International journal of Computational research and development (IJCRD)	2018-2019	2456 - 3137	http://ijcrd.dvpublication.com/	http://ijcrd.dvpublication.com/2019/06/10/smart-energy-monitoring-system-using-iot/	others

2018-2019	Assessment of fabricated Aluminium Alloy channels: process capability index	Dr.D.Rajkumar R. Saravanan P. Navaneetha krishnan	MECH	Engineering reports	2018-2019	348914911	https://www.researchgate.net	https://www.researchgate.net/publication/348914911_ASSESSMENT_OF_FABRICATED_ALUMINIUM_ALLOY_CHANNELS_PROCESS_CAPABILITY_INDEX	Scopus
2018-2019	A technique to solve parametric triangular number fuzzy transportation Problem	Dr.Faritha ashma & Meena C	S&H	International Journal of Research in Advent Technology	2018-2019	2321-9637	www.ijrat.org	www.ijrat.org	UGC CARE LIST
2017-2018	Lossless image compression using an efficient huffman coding	K.Umarani,N.Logeshkumar	ECE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2017-2018	2321-9653	www.ijraset.com	https://www.ijraset.com/fileserve.php?FID=11527	others
2017-2018	Advanced autonomous vehicle systems and adaptive cruise by using internet of things	T.Ashok,M.Chandrasekar	ECE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2017-2018	2321-9653	www.ijraset.com	https://www.ijraset.com/fileserve.php?FID=11918	others
2017-2018	AN energy efficient MAC protocol for WSN based on quorum concept	T.Ashok,M.Chandrasekar	ECE	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2017-2018	2321-9653	www.ijraset.com	https://www.ijraset.com/fileserve.php?FID=11661	others
2017-2018	Stepped Multicarrier SPWM Techniques for Seven level Cascaded Inverter	M.Meenkshi	EEE	International Journal of Emerging Technology in Engineering Research(IJETER)	2017-2018	2454-6410	https://www.ijeter.everscience.org	https://www.ijeter.everscience.org/Manuscripts/Volume-5/Issue-12/Vol-5-issue-12-M-08.pdf	Others
2017-2018	Development of Multicarrier SPWM Techniques for Cascaded MLI	M.Dharani Devi	EEE	International Journal of Computational Engineering Research (IJCER)	2017-2018	2250 – 3005	https://www.researchgate.net	https://www.researchgate.net/publication/320867741_Development_of_Multicarrier_SPWM_Techniques_for_Cascaded_MLI	Others
2017-2018	Implementation of different PWM control strategy for Cascaded MLI	M.Dharani Devi	EEE	Journal of Network Communication and Emerging Technologies(JNCET)	2017-2018	2395-5317	https://www.jncet.org	https://www.jncet.org/Manuscripts/Volume-8/Issue-4/Vol-8-issue-4-M-27.pdf	Others
2017-2018	Alignment test on portable tabletop mini lathe	1.Ranjithkumar P, 2.Kannan TTM, 3.R.Ramanathan, 4.K.Chandrasekaran	MECH	Journal of Manufacturing Engineering	2017-2018	0973-6867	www.smenec.org	http://smenec.org/index.php/1/article/view/105	others

2017-2018	Tribological behaviour for stir cast Al5086/gr/Al2O3 hybrid matrix composite	1. K. Chandrasekaran, 2.S.Ajith, 3.P.Abbas 4.A.Yasar Arafath, 5.K.Vinoth Kumar	MECH	International Journal of Trendy research in Engineering and Technology (IJTRET)	2017-2018	2582-0958	www.trendytechjournals.com	https://www.trendytechjournals.com/files/issues/volume2/issue2-1-1.pdf	others
2017-2018	Fabrication and Optimization of MEMS based Micro Grinder	Dr. K. Chandrasekaran T.T.M Kannan R.Ramanathan S.Surya	MECH	International Journal of Engineering Research in Mechanical and Civil Engineering	2017-2018	2456-1290	https://www.technoarete.org/	https://www.technoarete.org/common_abstract/pdf/IJERMCE/v4/i12/Ext_02658.pdf	Scopus
2017-2018	Taguchi and response surface methodologies engaged for surface roughness in cnc turning aisi 316 by multilayered coated tool	Dr. K. Chandrasekaran R.Ramanathan T.T.M Kannan P.Ranjithkumar	MECH	Manufacturing Engineering	2017-2018	0973-6867	http://smenec.org/index.php/1	https://smenec.org/index.php/1/article/view/146	UGC Care approved group 'a' journal list 1 - pg no 378(25300)
2017-2018	Workability Behavior of Hybrid Copper Matrix Composites Synthesized by Powder Metallurgy Technique	Ranjithkumar P	MECH	cs and Mechnaical Eng	2017-2018	2354-0192	http://kdm.p.lodz.pl/articles/2017/21_2_3.pdf	http://kdm.p.lodz.pl/articles/2017/21_2_3.pdf	Other
2017-2018	Synthesis, Characterization and forming behavior of hybrid copper matrix composites produced using powder metallurgy	Ranjithkumar P	Department of Mechanical Engineering	International Journal of Materials Research	2017-2018	2195-8556	https://www.degruyter.com/journal/key/ijmr/html	https://www.degruyter.com/document/doi/10.3139/146.111510/html	Other
2017-2018	Design and Fabrication of smart stair climbing and stuff delivering robot	M.Chandra Mohan	MCT	International Journal for research in applied science and Engineering Technology	2017-2018	2321-9653	https://www.ijraset.com/	https://www.ijraset.com/archive-detail.php?AID=65#	UGC
2017-2018	Effect of pH on Thermolectric Oxide Ca3Co4O9	S. Berbeth Mary, D. Edward Christy, A. Panithra Amuthini, A. Leo Rajesh	S&H	International Journal of Advance Engineering and Research Development	2017-2018	2348-4470	http://www.ijaerd.com/papers/special_papers/NCN016.pdf	http://www.ijaerd.com/papers/special_papers/NCN016.pdf	UGC CARE LIST
2017-2018	Hydrothermal Synthesis of Perovskite Oxides CaMnO3 and SrMnO3	S. Berbeth Mary, D. Edward Christy, S. Selvakumari, A. Leo Rajesh	S&H	International Journal of Advance Engineering and Research Development	2017-2018	2348-4471	http://www.ijaerd.com/papers/special_papers/NCN017.pdf	http://www.ijaerd.com/papers/special_papers/NCN017.pdf	UGC CARE LIST
2017-2018	Synthesis and Characterization of Cerium doped CaMnO3 Nanoparticles	S. Berbeth Mary, A. Leo Rajesh	S&H	International Journal of Scientific Research in Science and Technology (IJSRST)	2017-2018	2395-602X	https://1library.net/title/synthesis-and-characterization-of-cerium-doped-camno-nanoparticles	https://www.ijsrst.com/paper/2380.pdf	UGC CARE LIST

2016-2017	Emission control in modified KIROLOSKER TV-1 diesel engine by Aqua silencer	P.Kaviyarasu	Aeronautical	International Journal of Advanced and Innovative Research	2016-2017	2278-7844	http://ijairjournal.in/	http://wwwroot/temp/ijair/	Others
2016-2017	Effect of geometric twist on wind turbine blade	S.Anand	Aeronautical	International Journal of Advanced and Innovative Research	2016-2017	2278-7844	http://ijairjournal.in/	http://wwwroot/temp/ijair/May2016/t57.pdf	Others
2016-2017	Design and analysis of mechanical and thermal behaviour of shape memory alloy in engine's intake and exhaust	P.Kaviyarasu	Aeronautical	International Journal of current Innovation Research	2016-2017	2395 -5775	https://web.archive.org/web/20210505211049/http://www.journalijcir.com/	https://web.archive.org/web/20190805204626/http://www.journalijcir.com/sites/default/files/issue-files/IJCIR-A-00369.pdf	Others
2016-2017	Nd-YAG Laser cutting on Stainless steel	R.Ramanathan, T.Uma Sankari, M.P.Tamizhmani	Aeronautical	Imperial Journal of Interdisciplinary Research (IJIR)	2016-2017	2454-1362	http://www.onlinejournal.in/	https://www.onlinejournal.in/IJIRV217/081.pdf	Other
2016-2017	Innovative Method to Secure ECG Signal using ECC in Wireless Communication	Dr. R.Ilango N.Karthika	EEE	International Journal for Modern Trends in Science and Technology	2016-2017	ISSN: 2455-3778	https://www.ijmtst.com	https://www.ijmtst.com/vol3issue5/IJMTSTRPEEE1039.pdf	Others
2016-2017	Asymmetrical Half Bridge Flyback Converter with Wind Energy	V.Sivashankari M.Sasikala R.Raghavi	EEE	Imperial Journal of Interdisciplinary Research	2016-2017	ISSN: 2454-1362	http://www.onlinejournal.in	http://www.onlinejournal.in/IJIRV311/201.pdf	Others
2016-2017	Multi-Objective Optimization of Electric Discharge Machining of Hybrid copper composite using Taguchi Grey Relational Analysis	Ranjithkumar P	MECH	Journal of Advances in Chemistry	2016-2017	2321-807X	https://www.researchgate.net/publication/317368727_Multi-Objective_Optimization_of_Electric_Discharge_Machining_of_Hybrid_Copper_Composite_Using_Taguchi_Grey_Relational_Analysis	Other	
2016-2017	Optimization kerf Width and surface Roughness in wirecut Electrical Discharge Machining Using Brass Wire	Panneer Selvam M, Ranjithkumar P	MECH	Mechanics and Mechanical Engineering	2016-2017	2354-0192	http://www.kdm.p.lodz.pl/	http://www.kdm.p.lodz.pl/articles/2017/21_1_5.pdf	Other
2016-2017	Parametric Optimization of Aspect Ratio on Carbon Fiber Reinforced Polymer by Using Taguchi Method	Ranjithkumar P	MECH	International Journal of Advanced Engineering Technology	2016-2017	0976-3945	https://www.technicaljournalsonline.com/ijeat/	https://www.technicaljournalsonline.com/ijeat/VOL%20VII/IJAET%20VOL%20VII%20ISSUE%20II%20APRIL%20JUNE%202016/201672198.pdf	Other

2016-2017	Experimental Investigation of Machining Parameters in Electrical Discharge Machining using OHNS Material	Ranjithkumar P	MECH	Asian Journal of Research in Social Sciences and Humanities	2016-2017	2249-7315	www.aijsh.com	https://www.indianjournals.com/ijor.aspx?target=ijor:ajrssh&volume=6&issue=12&article=057	Other
2016-2017	Experimental Investigation of machining parameters in Electrical Discharge Machining using EN 36 Material	Ranjithkumar P, Panneer Selvam M., Deepak U.	MECH	ARNP Journal of Engineering and Applied Sciences	2016-2017	1819-6608	www.arpnjournals.com	http://www.arpnjournals.com/jeas/archive.htm	Other
2016-2017	Al6061 Hybrid Metal Matrix Composite Reinforced with Alumina and Molybdenum Disulphide	Dr. K. Chandrasekaran G. Pitchayapillai P. Seenikannan K. Raja	MECH	Advances in Materials Science and Engineering	2016-2017	1687-8442	https://www.hindawi.com/journals/amse/2016/6127624/	https://downloads.hindawi.com/journals/amse/2016/6127624.pdf	UGC Care approved group 'a' journal list 1 - pg no 17(1126) or ANNEXURE I & II (Pg No 217 &219)
2016-2017	Soft Structures on Fuzzy Version of Soft INT G-Modules	Dr.R.NAGARAJAN &K.BALAMURUGAN	S&H	International Journal of Innovative Science, Engineering and Technology	2016-2017	2348-7968	http://www.ijiset.com/	http://ijiset.com/vol3/v3s6/IJSET_V3_I6_63.pdf	UGC CARE LIST
2016-2017	Soft Union Fuzzy structures of G-Modules	Dr.R.NAGARAJAN & K.BALAMURUGAN	S&H	International Journal of Scientific Research and Modern Education	2016-2017	2455-5630	http://ijsrme.rdmresearch.com/	http://ijsrme.rdmresearch.com/wp-content/uploads/2016/06/82.pdf	UGC CARE LIST
2016-2017	Group action on G-invariant Fuzzy sub Lattice with thresholds of Complemented Lattices	Dr.R.NAGARAJAN & K.BALAMURUGAN	S&H	International Journal of Applied Research	2016-2017	2394-7500	https://www.allresearchjournal.com/	https://www.allresearchjournal.com/archives/?year=2016&vol=2&issue=6&part=N&ArticleId=2212	UGC CARE LIST
2016-2017	Brief Discussion on T-Level Complex Fuzzy subgroup	Dr.R.NAGARAJAN & K.BALAMURUGAN	S&H	International Journal of Applied Research	2016-2017	2394-7500	https://www.allresearchjournal.com/	https://www.allresearchjournal.com/archives/2016/vol2issue6/PartO/2-6-134-784.pdf	UGC CARE LIST



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3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Year	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of Publications	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
							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
2020-2021	Fast Detection of Transformed Data Leaks in Wireless Sensor	K.Sathishkumar	CSE	International Journal of Scientific Research in Engineering and	2020-2021	2582-3930	http://ijsrem.com/volume-05-issue-04-april-2021/	http://ijsrem.com/volume-05-issue-04-april-2021/	Others
2020-2021	Automatic Lake Cleaning Robot Using IOT	P.Kavitha	ECE	Journal of Huazhong University of Science and Technology	2020-2021	1671-4512	http://hustjournal.com http://hxstbxjns.asia/	https://app.box.com/s/090w9p2nejae027fbc9aq01kjlzszxnz	UGC Approved journal
2020-2021	A novelty approach for ATM security using smart vision	P.Kavitha	ECE	International Research Journal of Modernization in Engineering Technology and Science	2020-2021	2582-5208	http://www.irimets.com/	https://www.irimets.com/uploadedfiles/paper/volume3/issue_4_april_2021/8749/1628083360.pdf	Others
2020-2021	IOT based fuel station monitoring	K.Karthikeyan	ECE	Infokara Research	2020-2021	1021-9056	http://infokara.com/	https://drive.google.com/file/d/1uc4fS7oJ5AFPgWQgz20SIG	UGC Approved journal
2020-2021	Intelligent Remainder Medicine Pill Box using IOT	Dr.AbdurRahman N	ECE	Infokara Research	2020-2021	1021-9056	http://infokara.com/	https://drive.google.com/file/d/1YT54RGdm5HlHg	UGC Approved journal
2020-2021	Bluetooth and GSM based intelligent vehicle systems for women safety using embedded technology	P.Kavitha, T.Ashok	ECE	International Journal Of Information And Computing Science	2020-2021	0972-1347	http://www.ijics.com/	https://drive.google.com/file/d/110XEu1enisFioVrWVJYNW0gkH0svOSSc/view	Others
2020-2021	IOT based Smart Electronic Digital Notice Board	K.Karthikeyan, A.Karthickkumar, P.Kavitha	ECE	International Journal of Information and Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/11XyLHlclY6nr901Y53KbYqSDB1UcEr5q/view	Others
2020-2021	Medical Handwritten Prescription Recognition Using CRNN	K.Karthikeyan, A.Karthickkumar, P.Kavitha	ECE	International Journal of Information and Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1KOISy80thMeF2KwWub_en-ProZ_sriview	Others
2020-2021	Secured Communication In Aircraft System Using LIFI For Military Application	P.Kavitha, K.Karthikeyan, A.Karthickkumar, K.Umarani	ECE	International Journal Of Information And Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1y1UzLchV8i_9TDSR-IFNanm_suXXMIW8/view	Others
2020-2021	IOT enabled economic human safety for communication constraints with	T.Ashok, P.Kavitha, M.Chandrasekar	ECE	International Journal Of Information And Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1NtsrSE6amcL02kJ3bJ6UGPevZAVcPd/view	Others
2020-2021	Eradication of Hydraulic anomalies using smart sewer inspection robot	P.Kavitha	ECE	international journal of advance research, ideas and innovations in technology	2020-2021	2454-132X	https://www.ijarjit.com/	https://www.ijarjit.com/manuscripts/512/V5I2-1728.pdf	Others

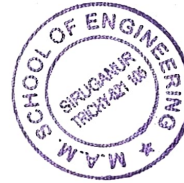
2020-2021	Neural Network Controller Based U HVDC For Enhancement Of Transient Compensation In Integrating Offshore Wind	G. Purushothaman, A.Senthamarakannan, Dr.M.Sangeetha	EEE	International Journal of Research and analytical reviews	2020-2021	2349-5138	http://www.ijrar.org	http://www.ijrar.org/IJRA R19W1220.pdf	Others
2020-2021	Photovoltaic Charge Controller For Electric Vehicle Using Back Stepping Algorithm.	G.Purushothaman, Dr.M.Sangeetha	EEE	International journal of multidisciplinary educational research	2020-2021	2277-7881	http://www.ijmer.in/	http://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume10/volume10-issue214/26.pdf	Web of science
2020-2021	Solar Powered Water Management System Using Smart Card.	G. Purushothaman, Dr.M.Sangeetha	EEE	Turkish journal of computer & mathematics education	2020-2021	2879-2883	https://www.turcomat.org	https://www.turcomat.org/index.php/turkbilmat/article/view/4375	scopus
2020-2021	Design and Implementation of Row or Column wise Banana Tree Cutter using IoT	Dr.M.Sangeetha	EEE	Grenze International Journal of Engineering & Technology	2020-2021	2395-5295	http://giecte.thegrenze.com/	http://www.thegrenze.com/doi/grenze/index.php/Grenze_ID:01_GIJET_7_1_513	scopus
2020-2021	Wear Characterization Of aluminium (Lm25) Metal Matrix Composite Reinforced with Sic and Mos2 on Various Heat Treatments	S.Venkatraman, R.Ramanathan, A.Mohankumar, M.Vimalkumar	MECH	International Journal of All Research Education and Scientific Methods (IJARESM)	2020-2021	2455-6211	www.ijaresm.com	wear-characterization-of-aluminium-lm25-metal-matrix-composite-reinforced-with-sic-and-mos2-on-various-heat-treatments	Others
2020-2021	Optimization of Parameters for Nitronic-60 on Wire-Cut Electrical Discharge Machining using Zinc Coated Wire	K. Chandrasekaran	MECH	The Electrochemical Society Advanced solid state & electrochemical science and Society	2020-2021	1757-8981	https://iopscience.iop.org/issue/1757-899X/1126/1	https://iopscience.iop.org/article/10.1088/1757-899X/1126/1/012043/meta	Others
2020-2021	Powder in Kerosene for the Blind Square Hole Machining of CFRP Using Electrical Discharge	K. Chandrasekaran	MECH	Silicon Springer	2020-2021	18769918	https://link.springer.com	https://link.springer.com/article/10.1007/s12633-021-01243-9	Others
2020-2021	Rain tree (Samanea saman) seed oil: Solvent extraction, optimization and characterization	Mr.M.Vimalkumar	MECH	Journal of Bioresources and Bioproducts	2020-2021	2369-9698	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2369969821000372	Others
2020-2021	mechanical and tribological properties of AA5083/Gr/BN and AA5083/Gr/Al2O3 hybrid	K. Chandrasekaran	MECH	Interciencia Journal	2020-2021	0378-1844	https://intercienciajournal.com	https://intercienciajournal.com/intercien/index.php/archive/part/45/2/1/2cu/rentVol=45&currentissue=7#	Others
2020-2021	Characterization and analysis of dissimilar metal weld for AISI304 with SA213T22 in super heater coils.	K.Chandrasekaran, R.Ramanathan, P.Ranjithkumar	MECH	Elsevier	2020-2021	2214-7853	https://doi.org/10.1016/j.matpr.2020.12.671	https://www.sciencedirect.com/science/article/pii/S2214785320403888	Others
2020-2021	Investigation of Nitronic 60 using Zinc Coated Wire	Ranjithkumar P, Panneer Selvam M, R.Ramanathan, K.Chandrasekaran	MECH	Wutan Huatan Jisuan Jishu	2020-2021	1001-1749	http://whthisis.cn	http://whthisis.cn/gallery/14-whji-june%20-5437.pdf	Others
2020-2021	Optimization of Drilling Process Parameters of Electrical Discharge Machining in INCONEL 718 Material	Ranjithkumar P, Panneer Selvam M, R.Ramanathan, K.Chandrasekaran	MECH	RAG & ORGANISATIE REV	2020-2021	0921-5077	http://lemma-tijdschriften.nl	http://lemma-tijdschriften.com/gallery/gallery/1751.pdf	Others
2020-2021	Investigation of Micro-Hole Quality in Drilled CFRP Laminates Through CO2 Laser	Dr.D.Raj Kumar N. Ramanujam, S. Dhanabalan, N. Jayaprakash	MECH	Arabian Journal for Science and Engineering	2020-2021	7557-7575	https://www.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-021-05505-5	Scopus

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2020-2021	Optimization of Drilling Process on Carbon-Fiber Reinforced Plastics Using Genetic-Algorithm mechanism	Dr.D.Raj Kumar N.Jayaprakash Che-Hau Yang S.Sivasankaran	MECH	Surface Review and Letters	2020-2021	1793-6667	https://www.worldscientific.com/	https://www.worldscientific.com/doi/abs/10.1142/S0218625X20500560	Others
2020-2021	and comparison of Incoloy 825, Inconel 603 XL, Monel K400 and Inconel 600 super alloys in wire electrical discharge	Dr.D.Raj Kumar K. Manikandana P. Ranjith kumar K. Palanikumar	MECH	Journal of materials research and technology	2020-2021	2238-7854	https://doi.org/10.1016/j.jmrt.2020.08.049	https://doi.org/10.1016/j.jmrt.2020.08.049	UGC Care approved group 'a' journal list 1 -pg no 323 (21608)
2020-2021	Laser Surface Modification of Materials	Dr.D.Raj Kumar Natarajan Jayaprakash Che-Hua Yang	MECH	Laser Ablation	2020-2021	94439	www.intechopen.com	http://dx.doi.org/10.5772/intechopen.94439	Scopus
2020-2021	Investigation on laser square hole drilling of AA7475/SiC/ZrSiO4 composites	Dr.D.Raj Kumar V. Senthil Kannan K. Lenin D. Srinivasan	MECH	silicon	2020-2021	18769918	https://link.springer.com/article/10.1007/s12633-021-01252-8	https://link.springer.com/article/10.1007/s12633-021-01252-8	Others
2020-2021	Implementation of Automatic Garments Folding Machine using Servo Motor	Dr.A.Punitha Ahamed Rifath Md Ithyas Md Hussain	MCT	Journal of Huazhong University of Science and Technology	2020-2021	1671-4512	http://hustjournal.com/	https://app.box.com/s/uxrrm3iq2vilsjyqcz5bby9t87skvll	UGC Care approved group 'a' journal list 1 -pg no 221 (14773)
2020-2021	Smart Method for Tollgate Billing System Using RSSI	Dr.A.Punitha S.Raghupathi	MCT	IEEE EXPLORE	2020-2021	1803-7232	https://ieeexplore.ieee.org/document/9404596	https://ieeexplore.ieee.org/document/9404596	Scopus
2020-2021	Smart Sawage water system using GSM Enabled Sensor	M.Subapradha A.Balaji M.Deepak M.E.Mohamed Fahees	MCT	Infokara Research journal	2020-2021	1021-9056	http://infokara.com/	http://infokara.com/Volume-10-Issue-5-2021/	UGC Care approved group 'a' journal list 1 -pg no 236 (15775)
2020-2021	Integration of 3D MEMS Accelerometer Sensor	M.Suba Pradha J.Roselin Suganthi C.Malaravzhi S.Susiladevi	MCT	Annals of R.S.C.B	2020-2021	1583-6258	https://annalsofrcsb.ro/index.php/journal/article/view/2269	https://annalsofrcsb.ro/index.php/journal/article/view/2269	UGC Care approved group 'a' journal list 1 -pg no 40 (2623)
2020-2021	Investigation of Tensile and wear properties of aluminium metal matrix composite	M.Suba Pradha M.Armugasamy V.Vaitheeswari	MCT	IOP Conference Series: Material Science and Engineering	2020-2021	923 012060	https://iopscience.iop.org/article/10.1088/1757-899X/923/1/012060	https://iopscience.iop.org/article/10.1088/1757-899X/923/1/012060	Scopus
2020-2021	Load Balancing For Hybrid LIFI And WIFI Networks	J.Roselin Suganthi M.Suba Pradha S.Sivaranjani S.Susiladevi S.S.Sathya S.Saravanan	MCT	Annals of R.S.C.B	2020-2021	1583-6258	https://www.annalsofrcsb.ro/index.php/journal/article/view/5483	https://www.annalsofrcsb.ro/index.php/journal/article/view/5483	UGC Care approved group 'a' journal list 1 -pg no 40 (2623)
2020-2021	Monitoring Solid Waste In Smart Cities Using IoT For Green And Safe Environment	S.Saravanan P.Sudha M.Subapradha	MCT	Journal Of Huazhong University Of Science And Technology	2020-2021	1671-4512	http://hustjournal.com/	http://hustjournal.com/vol502021june-2/	UGC Care approved group 'a' journal list 1 -pg no 221 (14773)
2020-2021	Smart Speed breaking System for Emergency Vehicles by using RFID	M.Chandrasekar Md Ashib Mageshwaren M Niyas Ahamed Md Nowfull	MCT	Journal Of Huazhong University Of Science And Technology	2020-2021	1671-4512	http://hustjournal.com/	https://app.box.com/s/v69vwyfo6gac84s0n0wh6fc3p6wzix9z	UGC Care approved group 'a' journal list 1 -pg no 221 (14773)


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2020-2021	Incidence of fatal Pedestrian Collision and vehicle speeds control	M.Chandrasekar Hasan Harun A Praveen S Subash Chandrasn R	MCT	International Journal of Mechanical Engineering	2020-2021	2348-8360	https://www.internationaljournalsrg.org/IJME/paper-details?id=381	https://www.internationaljournalsrg.org/IJME/paper-details?id=381	Others
2020-2021	Influence of trivalent lanthanides substitution on the thermoelectric properties of nanostructured	S. Berbeth Mary, Francis, V.G. Sathe, M. Ganesan, A. Leo Rajesh	S&H	Journal of Materials Science: Materials in Electronics	2020-2021	0957-4522	https://doi.org/10.1007/s10854-020-03205-0	https://doi.org/10.1007/s10854-020-03205-0	SCOPUS



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ACADEMIC YEAR - 2020 - 2021

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Year	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of Publications	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
							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
2020-2021	Fast Detection of Transformed Data Leaks in Wireless Sensor	K.Sathishkumar	CSE	International Journal of Scientific Research in Engineering and	2020-2021	2582-3930	http://ijsrem.com/volume-05-issue-04-april-2021/	http://ijsrem.com/volume-05-issue-04-april-2021/	Others
2020-2021	Automatic Lake Cleaning Robot Using IOT	P.Kavitha	ECE	Journal of Huazhong University of Science and Technology	2020-2021	1671-4512	http://hustjournal.com http://hxstxjns.asia/	https://app.box.com/s/090w9p2neja027jfh09aq01kjlzs2xnz	UGC Approved journal
2020-2021	A novelty approach for ATM security using smart vision	P.Kavitha	ECE	International Research Journal of Modernization in Engineering Technology and Science	2020-2021	2582-5208	http://www.irjmets.com/	https://www.irjmets.com/uploadedfiles/paper/volume3/issue_4_april_2021/8749/1628083360.pdf	Others
2020-2021	IOT based fuel station monitoring	K.Karthikeyan	ECE	Infokara Research	2020-2021	1021-9056	http://infokara.com/	https://drive.google.com/file/d/1u-4fS7oJ5AFPGjWGgz0SIGnttps://drive.google.com/	UGC Approved journal
2020-2021	Intelligent Remainder Medicine Pill Box using IOT	Dr.AbdurRahman N	ECE	Infokara Research	2020-2021	1021-9056	http://infokara.com/	https://drive.google.com/file/d/1_YTs4RGDm5HlHgQQPwEMviQnVz0wL_	UGC Approved journal
2020-2021	Bluetooth and GSM based intelligent vehicle systems for women safety using embedded technology	P.Kavitha,T.Ashok	ECE	International Journal Of Information And Computing Science	2020-2021	0972-1347	http://www.ijics.com/	https://drive.google.com/file/d/110XEu1enjsFjoVrWYJYNW0gkH0svOSSc/view	Others
2020-2021	IOT based Smart Electronic Digital Notice Board	K.Karthikeyan, A.Karthickkumar,P.Kavitha	ECE	International Journal of Information and Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1XyLHlclY6nr9O1Y53KbYqSDBI1UcEr5g/view	Others
2020-2021	Medical Handwritten Prescription Recognition Using CRNN	K.Karthikeyan, A.Karthickkumar, P.Kavitha	ECE	International Journal of Information and Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1KOjSy80tftpMef2KwWub_en-ProZ-sr/view	Others
2020-2021	Secured Communication In Aircraft System Using LIFI For Military Application	P.Kavitha,K.Karthikeyan,A.Karthickkumar,K.Umarani	ECE	International Journal Of Information And Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1y1UzLcHv8j_9TDSR-IFNanm_suXXMIW8/view	Others
2020-2021	IOT enabled economic human safety for co emission constraints with	T.Ashok,P.Kavitha, M.Chandrasekar	ECE	International Journal Of Information And Computing Science	2020-2021	0972 - 1347	http://www.ijics.com/	https://drive.google.com/file/d/1NtsrSE6amicLO2kJ3bJ6UGPevZAYVcPd/view	Others
2020-2021	Eradiction of Hydraulic anomalies using smart sewer inspection robot	P.Kavitha	ECE	international journal of advance research, ideas and innovations in technology	2020-2021	2454-132X	https://www.ijariit.com/	https://www.ijariit.com/manuscripts/v5i2/V5I2-1728.pdf	Others

2020-2021	Neural Network Controller Based U HVDC For Enhancement Of Transient Compensation In Integrating Offshore Wind Power Plant	G. Purushothaman, A.Senthamaraikannan, Dr.M.Sangeetha	EEE	International Journal of Research and analytical reviews	2020-2021	2349-5138	http://www.ijrar.org	http://www.ijrar.org/IJRA_R19W1220.pdf	Others
2020-2021	Photovoltaic Charge Controller For Electric Vehicle Using Back Stepping Algorithm.	G.Purushothaman, Dr.M.Sangeetha	EEE	International journal of multidisciplinary educational research	2020-2021	2277-7881	http://www.ijmer.in/	http://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume10/volume10-issue2(4)/26.pdf	Web of science
2020-2021	Solar Powered Water Management System Using Smart Card.	G. Purushothaman, Dr.M.Sangeetha	EEE	Turkish journal of computer & mathematics education	2020-2021	2879-2883	https://www.turcomat.org	https://www.turcomat.org/index.php/turkbilmat/article/view/4375	scopus
2020-2021	Design and Implementation of Row or Column wise Banana Tree Cutter using IoT	Dr.M.Sangeetha	EEE	Grenze International Journal of Engineering & Technology	2020-2021	2395-5295	http://gijcte.thegrenze.com/	http://www.thegrenze.com/doigrenze/index.php/Grenze_ID:01_GIJET_7.1.613	scopus
2020-2021	Wear Characterization Of aluminium (Lm25) Metal Matrix Composite Reinforced with Sic and Mos2 on Various Heat Treatments	S.Venkatraman, R.Ramanathan, A.Mohankumar, M.Vimalkumar	MECH	Internatonal Journal of All Research Education and Scientific Methods (IJARESM)	2020-2021	2455-6211	www.ijaresm.com	http://www.ijaresm.com/wear-characterization-of-aluminium-lm25-metal-matrix-composite-reinforced-with-sic-and-mos2-on-various-heat-treatments	Others
2020-2021	Optimization of Parameters for Nitronic-60 on Wire-Cut Electrical Discharge Machining using Zinc-Coated Wire	K. Chandrasekaran	MECH	The Electrochemical Society Advanced solid state & electrochemical science and Society	2020-2021	1757-8981	https://iopscience.iop.org/issue/1757-899X/1126/1	https://iopscience.iop.org/article/10.1088/1757-899X/1126/1/012043/meta	Others
2020-2021	A Study of Added Sic Powder in Kerosene for the Blind Square Hole Machining of CFRP Using Electrical Discharge	K. Chandrasekaran	MECH	Silicon Springer	2020-2021	18769918	https://link.springer.com	https://link.springer.com/article/10.1007/s12633-021-01243-9	Others
2020-2021	Rain tree (Samanea saman) seed oil: Solvent extraction, optimization and characterization	Mr.M.Vimalkumar	MECH	Journal of Bioresources and Bioproducts	2020-2021	2369-9698	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2369969821000372	Others
2020-2021	Investigation on mechanical and tribological properties of AA5083/Gr/BN and AA5083/Gr/Al2O3 hybrid composites for marine	K. Chandrasekaran	MECH	Interciencia Journal	2020-2021	0378-1844	https://intercienciajournal.com	https://intercienciajournal.com/intercien/index.php/archive/part/45/2/1/?currentVol=45&currentissue=2#	Others
2020-2021	Characteristic analysis of dissimilar metal weld for AISI304 with SA213T22 in super heater coils	K.Chandrasekaran, R.Ramanathan, P.Ranjithkumar	MECH	Elsevier	2020-2021	2214-7853	https://doi.org/10.1016/j.matpr.2020.12.671	https://www.sciencedirect.com/science/article/pii/S2214785320403888	Others
2020-2021	Investigation of Nitronic 60 using Zinc Coated Wire	Ranjithkumar P, Panneer Selvam M, R.Ramanathan, K.Chandrasekaran	MECH	Wutan Huatan Jisuan Jishu	2020-2021	1001-1749	http://wthtjssj.cn	http://wthtjssj.cn/gallery/14-whjj-june%20-5437.pdf	Others
2020-2021	Optimization of Drilling Process Parameters of Electrical Discharge Machining in INCONEL 718 Material	Ranjithkumar P, Panneer Selvam M, R.Ramanathan, K.Chandrasekaran	MECH	RAG & ORGANISATIE REV	2020-2021	0921-5077	http://lemma-tijdschriften.nl	http://lemma-tijdschriften.com/gallery/goj-1751.pdf	Others
2020-2021	Investigation of Micro-Hole Quality in Drilled CFRP Laminates Through CO2 Laser	Dr.D.Raj Kumar N. Ramanujam, S. Dhanabalan, N. Jeyaprakash	MECH	Arabian Journal for Science and Engineering	2020-2021	7557-7575	https://www.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-021-05505-x	Scopus

2020-2021	Optimization of Drilling Process on Carbon-Fiber Reinforced Plastics Using Genetic-Algorithm	Dr.D.Raj Kumar N.Jayaprakash Che-Hau Yang S.Sivasankaran	MECH	Surface Review and Letters	2020-2021	1793-6667	https://www.worldscientific.com/	https://www.worldscientific.com/doi/abs/10.1142/S0218625X20500560	Others
2020-2021	Machinability evaluation and comparison of Incoloy 825, Inconel 603 XL, Monel K400 and Inconel 600 super alloys in wire electrical discharge	Dr.D.Raj Kumar K. Manikandana P. Ranjith kumar K. Palanikumar	MECH	Journal of materials research and technology	2020-2021	2238-7854	https://doi.org/10.1016/j.jmrt.2020.08.049	https://doi.org/10.1016/j.jmrt.2020.08.049	UGC Care approved group 'a' journal list 1 -pg no 323 (21608)
2020-2021	Laser Surface Modification of Materials	Dr.D.Raj Kumar Natarajan Jeyaprakash Che-Hua Yang	MECH	Laser Ablation	2020-2021	94439	www.intechopen.com	http://dx.doi.org/10.5772/intechopen.94439	Scopus
2020-2021	Investigation on laser square hole drilling of AA7475/SiC/ZrSiO4 composites	Dr.D.Raj Kumar V. Senthil Kannan K. Lenin D. Srinivasan	MECH	silicon	2020-2021	18769918	https://link.springer.com/article/10.1007/s12633-021-01252-8	https://link.springer.com/article/10.1007/s12633-021-01252-8	Others
2020-2021	Implementation of Automatic Garments Folding Machine using Servo Motor	Dr.A.Punitha Ahamed Rifath Md Ithiyas Md Hussain	MCT	Journal of Huazhong University of Science and Technology	2020-2021	1671-4512	http://hustjournal.com/	https://app.box.com/s/uxrrm3iq2vilsjyqcz5bbyf9t87skvll	UGC Care approved group 'a' journal list 1 -pg no 221 (14773)
2020-2021	Smart Method for Tollgate Billing System Using RSSI	Dr.A.Punitha S.Raghupathi	MCT	IEEE EXPLORE	2020-2021	1803-7232	https://ieeexplore.ieee.org/document/9404596	https://ieeexplore.ieee.org/document/9404596	Scopus
2020-2021	Smart Sawage water system using GSM Enabled Sensor	M.Subapradha A.Balaji M.Deepak M.E.Mohamed Fahees	MCT	Infokara Research journal	2020-2021	1021-9056	http://infokara.com/	http://infokara.com/Volume-10-Issue-5-2021/	UGC Care approved group 'a' journal list 1 -pg no 236 (15775)
2020-2021	Integration of 3D MEMS Accelerometer Sensor	M.Suba Pradha J..Roselin Suganthi C.Malarvazhi S.Susiladevi	MCT	Annals of R.S.C.B	2020-2021	1583-6258	https://annalsofrscb.ro/index.php/journal/article/view/2269	https://annalsofrscb.ro/index.php/journal/article/view/2269	UGC Care approved group 'a' journal list 1 -pg no 40 (2623)
2020-2021	Investigation of Tensile and wear properties of aluminium metal matrix composite	M.Suba Pradha M.Armugasamy V.Vaitheeswari	MCT	IOP Conference Series: Material Science and Engineering	2020-2021	923 012060	https://iopscience.iop.org/article/10.1088/1757-899X/923/1/012060	https://iopscience.iop.org/article/10.1088/1757-899X/923/1/012060	Scopus
2020-2021	Load Balancing For Hybrid LIFI And WIFI Networks	J.Roselin Suganthi M.Suba Pradha S.Sivaranjani S.Susiladevi S.S.Sathya S.Saravanan	MCT	Annals of R.S.C.B	2020-2021	1583-6258	https://www.annalsofrscb.ro/index.php/journal/article/view/5483	https://www.annalsofrscb.ro/index.php/journal/article/view/5483	UGC Care approved group 'a' journal list 1 -pg no 40 (2623)
2020-2021	Monitoring Solid Waste In Smart Cities Using IoT For Green And Safe Environment	S.Saravanan P.Sudha M.Subapradha	MCT	Journal Of Huazhong University Of Science And Technology	2020-2021	1671-4512	http://hustjournal.com/	http://hustjournal.com/vol502021june-2/	UGC Care approved group 'a' journal list 1 -pg no 221 (14773)
2020-2021	Smart Speed breaking System for Emergency Vehicles by using RFID	M.Chandrasekar Md Ashib Mageshwari M Niyas Ahamed Md Nowfull	MCT	Journal Of Huazhong University Of Science And Technology	2020-2021	1671-4512	http://hustjournal.com/	https://app.box.com/s/z69yvfo6gac84s0n0wh6fc3pdwzix9z	UGC Care approved group 'a' journal list 1 -pg no 221 (14773)

2020-2021	Incidence of fatal Pedestrian Collision and vehicle speeds control	M.Chandrasekar Hasan Harun A Praveen S Subash Chandrasn R	MCT	International Journal of Mechanical Engineering	2020-2021	2348-8360	https://www.internationaljournalssrg.org/IJME/paper-details?Id=381	https://www.internationaljournalssrg.org/IJME/paper-details?Id=381	Others
2020-2021	Influence of trivalent lanthanides substitution on the thermoelectric properties of nanostructured	S. Berbeth Mary, M. Francis, V.G. Sathe, V. Ganesan, A. Leo Rajesh	S&H	Journal of Materials Science: Materials in Electronics	2020-2021	0957-4522	Influence of trivalent lanthanides substitution on the thermoelectric properties of nanostructured	https://doi.org/10.1007/s10854-020-03205-0	SCOPUS



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Academic Year

2019 -2020



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ACADEMIC YEAR - 2019 - 2020

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Year	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of Publications	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
							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
2019-2020	Theft Identification System Based on Face Recognition Using IoT	S.Murugavalli	CSE	Studies in Indian Place Names	2019-2020	2394-3114	https://publons.com/journal/630276/studies-in-indian-place-names/	https://publons.com/journal/630276/studies-in-indian-place-names/	UGC CARE LIST
2019-2020	Efficient Intrusion Detection System of Botnet Command and Control	G.Rajeshkumar	CSE	Studies in Indian Place Names	2019- 2020	2394-3114	https://publons.com/journal/630276/studies-in-indian-place-names/	https://publons.com/journal/630276/studies-in-indian-place-names/	UGC CARE LIST
2019-2020	Comparative study of mechanical technologies over laser technology for drilling carbon fiber reinforced polymer materials	Dr.D.Raj Kumar Vellaisamy Balasubramaniama Poovaraj Ranjithkumar c Chinnaiyan Sathiya	MECH	Indian Journal of Engineering & Materials Sciences	2019-2020	0975-1017	http://nopr.niscair.res.in	http://nopr.niscair.res.in/handle/123456789/54333	UGC Care approved group 'a' journal list 1 -pg no 232 (15529)
2019-2020	Investigation on Drilling Behavior of CFRP Composites Using	Dr.D.Raj Kumar N. Jeyaprakash Che-Hua Yang	MECH	Arabian Journal for Science and Engineering	2019- 2020	2191-4281	https://link.springer.com/content/pdf/10.1007/s13369-020-04649-6.pdf	https://link.springer.com/content/pdf/10.1007/s13369-020-04649-6.pdf	UGC Care approved group 'a' journal list 1 -pg no
2019-2020	and surface roughness achieving during	Dr.D.Raj Kumar N. Jeyaprakash Che-Hua Yang	MECH	Materials Today: Proceedings	2019- 2020	2214-7853	https://doi.org/10.1016/j.matpr.2019.06.753	https://doi.org/10.1016/j.matpr.2019.06.753	Scopus
2019-2020	Machinability study on CFRP composite using Taguchi based grey relational analysis	Dr.D.Rajkumar N. Jeyaprakash Che-Hua Yang	MECH	Materials Today proceedings(ELSEVIER)	2019-2020	2214-7853	https://www.sciencedirect.com/	https://www.sciencedirect.com/science/article/pii/S2214785319332018	Scopus
2019-2020	Investigation of high temperature wear performance on laser processed nodular iron	Dr.D.Rajkumar N. Jayaprakash Che-Hua Yang	MECH	Results in physics (ELSEVIER)	2019-2020	2211-3797	www.elsevier.com/locate/riinp	https://doi.org/10.1016/j.rinp.2019.102585	UGC Care approved group 'a' journal list 1 -pg no 480 (32129)
2019-2020	Design and implementation of arithmetic and logical block using OCA technology	Muthukannan Duraiselvam T.Ashok M.Chandrasekar	MECH	International Journal of Intellectual Advancements and Research in Engineering Computations	2019-2020	2348-2079	https://ijarec.com/ijarec/article/view/162	https://ijarec.com/ijarec/article/view/162	Others
2019-2020	Influence of Surfactant Concentrations on N-Type Nanostructured	S. Berbeth Mary, A. Leo Rajesh	S&H	International Journal of Engineering Research & Technology (IJERT)	2019- 2020	2278-0181	https://www.ijert.org/research/influence-of-surfactant-concentrations-on-n-type-nanostructured-	IJERTV8IS090145	SCOPUS
2019-2020	Thermoelectric Oxide Enhanced thermoelectric property of nanostructured CaMnO3 by sol-gel	S. Berbeth Mary, M. Francis , V.G. Sathe, V. Ganesan, A. Leo Rajesh	S&H	Physica B: Physics of Condensed Matter	2019- 2020	0921-4526	Enhanced thermoelectric property of nanostructured CaMnO3	https://doi.org/10.1016/j.physb.2019.411707	SCOPUS



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ACADEMIC YEAR - 2019 - 2020

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Year	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of Publications	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
							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
2019-2020	Theft Identification System Based on Face Recognition Using IoT	S.Murugavalli	CSE	Studies in Indian Place Names	2019-2020	2394-3114	https://publons.com/journal/630276/studies-in-indian-place-names/	https://publons.com/journal/630276/studies-in-indian-place-names/	UGC CARE LIST
2019-2020	Efficient Intrusion Detection System of Botnet Command and Control	G.Rajeshkumar	CSE	Studies in Indian Place Names	2019- 2020	2394-3114	https://publons.com/journal/630276/studies-in-indian-place-names/	https://publons.com/journal/630276/studies-in-indian-place-names/	UGC CARE LIST
2019-2020	Comparative study of mechanical technologies over laser technology for drilling carbon fiber reinforced polymer materials	Dr.D.Raj Kumar Vellaisamy Balasubramaniama Poovaraj Ranjithkumar c Chinnaiyan Sathiya Narayanan	MECH	Indian Journal of Engineering & Materials Sciences	2019- 2020	0975-1017	http://nopr.niscair.res.in	http://nopr.niscair.res.in/handle/123456789/54333	UGC Care approved group 'a' journal list 1 -pg no 232 (15529)
2019-2020	Investigation on Drilling Behavior of CFRP Composites Using	Dr.D.Raj Kumar N. Jeyaprakash Che-Hua Yang	MECH	Arabian Journal for Science and Engineering	2019- 2020	2191-4281	https://link.springer.com/content/pdf/10.1007/s13369-020-04649-6.pdf	https://link.springer.com/content/pdf/10.1007/s13369-020-04649-6.pdf	UGC Care approved group 'a' journal list 1 -pg no
2019-2020	Minimum cutting thickness and surface roughness achieving during	Dr.D.Raj Kumar N. Jeyaprakash Che-Hua Yang	MECH	Materials Today: Proceedings	2019- 2020	2214-7853	https://doi.org/10.1016/j.matpr.2019.06.753	https://doi.org/10.1016/j.matpr.2019.06.753	Scopus
2019-2020	Machinability study on CFRP composite using Taguchi based grey relational analysis	Dr.D.Rajkumar N. Jeyaprakash Che-Hua Yang	MECH	Materials Today proceedings(ELSEVIER)	2019- 2020	2214-7853	https://www.sciencedirect.com/	https://www.sciencedirect.com/science/article/pii/S2214785319332018	Scopus
2019-2020	Investigation of high temperature wear performance on laser processed nodular iron	Dr.D.Rajkumar N.Jayaprakash Che-Hua Yang Muthukannan Duraiselvam	MECH	Results in physics (ELSEVIER)	2019- 2020	2211-3797	www.elsevier.com/locate/rinp	https://doi.org/10.1016/j.rinp.2019.102585	UGC Care approved group 'a' journal list 1 -pg no 480 (32129)
2019-2020	Design and implementation of arithmetic and logical block using OCA technology	T.Ashok M.Chandrasekar	MECH	International Journal of Intellectual Advancements and Research in Engineering Computations	2019- 2020	2348-2079	https://ijiarec.com/ijiarec/article/view/162	https://ijiarec.com/ijiarec/article/view/162	Others
2019-2020	Influence of Surfactant Concentrations on N-Type Nanostructured Thermoelectric Oxide	S. Berbeth Mary, A. Leo Rajesh	S&H	International Journal of Engineering Research & Technology (IJERT)	2019- 2020	2278-0181	https://www.ijert.org/research/influence-of-surfactant-concentrations-on-n-type-nanostructured-thermoelectric-property-of-nanostructured-CaMnO3	IJERTV8IS090145	SCOPUS
2019-2020	Enhanced thermoelectric property of nanostructured CaMnO3 by sol-gel	S. Berbeth Mary, M. Francis , V.G. Sathe, V. Ganesan, A. Leo Rajesh	S&H	Physica B: Physics of Condensed Matter	2019- 2020	0921-4526	https://doi.org/10.1016/j.physb.2019.411707	https://doi.org/10.1016/j.physb.2019.411707	SCOPUS



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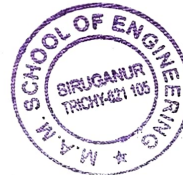
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ACADEMIC YEAR - 2018 - 2019

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Year	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of Publications	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
							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
2018-2019	Microstructural characterization and mechanical properties	K. Chandrasekaran	MECH	Material Research Express	2018-2019	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab07e2	https://iopscience.iop.org/article/10.1088/2053-1591/ab07e2	Other
2018-2019	Smart energy monitoring system using IOT	K.Umarani	MCT	International journal of Computational research and	2018-2019	2456 - 3137	http://ijcrd.dvpublication.com/	http://ijcrd.dvpublication.com/2019/06/10/smart-energy-monitoring-https://www.researchgate.net/publication/348914911_ASSESSMENT_OF_FABRICATED_ALUMINIUM_ALLOY_CHANNELS_PROC	others
2018-2019	Assessment of fabricated Aluminium Alloy channels: process capability index	Dr.D.Rajkumar R. Saravanan P. Navaneetha krishnan	MECH	Engineering reports	2018-2019	348914911	https://www.researchgate.net	https://www.researchgate.net/publication/348914911_ASSESSMENT_OF_FABRICATED_ALUMINIUM_ALLOY_CHANNELS_PROC	Scopus
2018-2019	A technique to solve parametric triangular number fuzzy	Dr.Faritha ashma & Meena C	S&H	International Journal of Research in Advent Technology	2018-2019	2321-9637	www.ijrat.org	www.ijrat.org	UGC CARE LIST



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ACADEMIC YEAR - 2018 - 2019

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Year	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of Publications	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
							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
2018-2019	Microstructural characterization and mechanical properties	K. Chandrasekaran	MECH	Material Research Express	2018-2019	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ah07e2	https://iopscience.iop.org/article/10.1088/2053-1591/ah07e2	Other
2018-2019	Smart energy monitoring system using IOT	K.Umarani	MCT	International journal of Computational research and	2018-2019	2456 - 3137	http://ijcrd.dvpublication.com/	http://ijcrd.dvpublication.com/2019/06/10/smart-energy-monitoring-	others
2018-2019	Assessment of fabricated Aluminium Alloy channels: process capability index	Dr.D.Rajkumar R. Saravanan P. Navaneetha krishnan	MECH	Engineering reports	2018-2019	348914911	https://www.researchgate.net	https://www.researchgate.net/publication/348914911_ASSESSMENT_OF_FABRICATED_ALUMINIUM_ALLOY_CHANNELS_PROC	Scopus
2018-2019	A technique to solve parametric triangular number fuzzy	Dr.Faritha ashma & Meena C	S&H	International Journal of Research in Advent Technology	2018-2019	2321-9637	www.ijrat.org	www.ijrat.org	UGC CARE LIST



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ACADEMIC YEAR - 2017 - 2018

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Year	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of Publications	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
							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
2017-2018	Lossless image compression using an efficient Huffman Advanced	K.Umarani, N.Logeshkumar	ECE	International Journal for Research in Applied Science & Engineering	2017-2018	2321-9653	www.ijraset.com	https://www.ijraset.com/fileserve.php?FID=11527	others
2017-2018	autonomous vehicle systems and adaptive	T.Ashok, M.Chandrasekar	ECE	International Journal for Research in Applied Science & Engineering	2017-2018	2321-9653	www.ijraset.com	https://www.ijraset.com/fileserve.php?FID=11918	others
2017-2018	AN energy efficient MAC protocol for WSN based on quorum concept	T.Ashok, M.Chandrasekar	ECE	International Journal for Research in Applied Science & Engineering	2017-2018	2321-9653	www.ijraset.com	https://www.ijraset.com/fileserve.php?FID=11661	others
2017-2018	Stepped multicarrier SPWM Techniques for Seven level	M.Meenkshi	EEE	International Journal of Emerging Technology in	2017-2018	2454-6410	https://www.ijeter.everscience.org	https://www.ijeter.everscience.org/Manuscripts/Volume-5/Issue-5/	Others
2017-2018	Development of Multicarrier SPWM Techniques for Cascaded MLI	M.Dharani Devi	EEE	International Journal of Computational Engineering Research (IJCER)	2017-2018	2250 - 3005	https://www.researchgate.net	https://www.researchgate.net/publication/320867741_Development_of_Multicarrier_SPWM_Techniques_for_Cascaded_MLI	Others
2017-2018	Implementation of different PWM control strategy for Cascaded MLI	M.Dharani Devi	EEE	Journal of Network Communication and Emerging Technologies(JNCET)	2017-2018	2395-5317	https://www.jncet.org	https://www.jncet.org/Manuscripts/Volume-8/Issue-4/Vol-8-issue-4-M-27.pdf	Others
2017-2018	Alignment test on portable tabletop mini lathe	1.Ranjithkumar P, 2.Kannan TTM, 3.R.Ramanathan, 4.K.Chandrasekaran	MECH	Journal of Manufacturing Engineering	2017-2018	0973-6867	www.smenec.org	http://smenec.org/index.php/1/article/view/105	others
2017-2018	Tribological behaviour for stir cast Al5086/gr/Al2o3 hybrid matrix composite	1. K. Chandrasekaran, 2.S.Ajith, 3.P.Abbas, 4.A.Yasar Arafath, 5.K.Vinoth Kumar	MECH	International Journal of Trendy research in Engineering and Technology (IJTRET)	2017-2018	2582-0958	www.trendytechjournals.com	https://www.trendytechjournals.com/files/issues/volume2/issue2-1-1.pdf	others

2017-2018	Fabrication and Optimization of MEMS based Micro Grinder	Dr. K. Chandrasekaran T.T.M Kannan R.Ramanathan S.Surya	MECH	International Journal of Engineering Research in Mechanical and Civil Engineering	2017-2018	2456-1290	https://www.technoare.org/	https://www.technoare.org/common_abstract/pdf/IJERMCE/v4/i12/Ext_02658.pdf	Scopus
2017-2018	Taguchi and response surface methodologies engaged for surface roughness in cnc turning aisi 316 by multilayered coated tool	Dr. K. Chandrasekaran R.Ramanathan T.T.M Kannan P.Ranjithkumar	MECH	Manufacturing Engineering	2017-2018	0973-6867	http://smenec.org/index.php/1	https://smenec.org/index.php/1/article/view/146	UGC Care approved group 'a' journal list 1 - pg no 378(25300)
2017-2018	Workability Behavior of Hybrid Copper Matrix Composites Synthesized by Powder Metallurgy Technique	Ranjithkumar P	MECH	cs and Mechnaical Eng	2017-2018	2354-0192	http://kdm.p.lodz.pl/articles/2017/21_2_3.pdf	http://kdm.p.lodz.pl/articles/2017/21_2_3.pdf	Other
2017-2018	Synthesis, Characterization and forming behavior of hybrid copper matrix composites produced using powder metallurgy	Ranjithkumar P	MECH	International Journal of Materials Research	2017-2018	2195-8556	https://www.degruyter.com/journal/key/ijmr/html	https://www.degruyter.com/document/doi/10.3139/146.111510/html	Other
2017-2018	Design and Fabrication of smart stair climbing and stuff delivering robot	M.Chandra Mohan	MCT	International Journal for research in applied science and Engineering Technology	2017-2018	2321-9653	https://www.ijraset.com/	https://www.ijraset.com/archive-detail.php?AID=65#	UGC
2017-2018	Effect of pH on Thermolectric Oxide Ca3Co4O9	S. Berbeth Mary, D. Edward Christy, A. Panithra Amuthini, A. Leo Rajesh	S&H	International Journal of Advance Engineering and Research Development	2017-2018	2348-4470	http://www.ijaerd.com/papers/special_papers/NCN016.pdf	http://www.ijaerd.com/papers/special_papers/NCN016.pdf	UGC CARE LIST
2017-2018	Hydrothermal Synthesis of Perovskite Oxides CaMnO3 and SrMnO3	S. Berbeth Mary, D. Edward Christy, S. Selvakumari, A. Leo Rajesh	S&H	International Journal of Advance Engineering and Research Development	2017-2018	2348-4471	http://www.ijaerd.com/papers/special_papers/NCN017.pdf	http://www.ijaerd.com/papers/special_papers/NCN017.pdf	UGC CARE LIST
2017-2018	Synthesis and Characterization of Cerium doped CaMnO3 Nanoparticles	S. Berbeth Mary, A. Leo Rajesh	S&H	International Journal of Scientific Research in Science and Technology (IJSRST)	2017-2018	2395-602X	https://1library.net/title/synthesis-and-characterization-of-cerium-doped-camno-nanoparticles	https://www.ijsrst.com/paper/2380.pdf	UGC CARE LIST



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ACADEMIC YEAR - 2017 - 2018

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Year	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of Publications	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
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2017-2018	Lossless image compression using an efficient Huffman	K.Umarani, N.Logeshkumar	ECE	International Journal for Research in Applied Science & Engineering Technology	2017-2018	2321-9653	www.ijraset.com	https://www.ijraset.com/files/serve.php?FID=11527	others
2017-2018	Advanced autonomous vehicle systems and adaptive	T.Ashok, M.Chandrasekar	ECE	International Journal for Research in Applied Science & Engineering Technology	2017-2018	2321-9653	www.ijraset.com	https://www.ijraset.com/files/serve.php?FID=11918	others
2017-2018	AN energy efficient MAC protocol for WSN based on quorum concept	T.Ashok, M.Chandrasekar	ECE	International Journal for Research in Applied Science & Engineering Technology	2017-2018	2321-9653	www.ijraset.com	https://www.ijraset.com/files/serve.php?FID=11661	others
2017-2018	Stepped Multicarrier SPWM Techniques for Seven level	M.Meenkshi	EEE	International Journal of Emerging Technology in	2017-2018	2454-6410	https://www.ijeter.everscience.org	https://www.ijeter.everscience.org/Manuscripts/Volume-5/Issue-	Others
2017-2018	Development of Multicarrier SPWM Techniques for Cascaded MLI	M.Dharani Devi	EEE	International Journal of Computational Engineering Research (IJCER)	2017-2018	2250 – 3005	https://www.researchgate.net	https://www.researchgate.net/publication/320867741_Development_of_Multicarrier_SPWM_Techniques_for_Cascaded_MLI	Others
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2017-2018	Tribological behaviour for stir cast Al5086/gr/Al2O3 hybrid matrix composite	1. K. Chandrasekaran, 2.S.Ajith, 3.P.Abbas 4.A.Yasar Arafath, 5.K.Vinoth Kumar	MECH	International Journal of Trendy research in Engineering and Technology (IJTRET)	2017-2018	2582-0958	www.trendytechjournals.com	https://www.trendytechjournals.com/files/issues/volume2/issue2-1-1.pdf	others

2017-2018	Fabrication and Optimization of MEMS based Micro Grinder	Dr. K. Chandrasekaran T.T.M Kannan R.Ramanathan S.Surya	MECH	International Journal of Engineering Research in Mechanical and Civil Engineering	2017-2018	2456-1290	https://www.technoarete.org/	https://www.technoarete.org/common_abstract/pdf/IJERMCE/v4/i12/Ext_02658.pdf	Scopus
2017-2018	Taguchi and response surface methodologies engaged for surface roughness in cnc turning aisi 316 by multilayered coated tool	Dr. K. Chandrasekaran R.Ramanathan T.T.M Kannan P.Ranjithkumar	MECH	Manufacturing Engineering	2017-2018	0973-6867	http://smenec.org/index.php/1	https://smenec.org/index.php/1/article/view/146	UGC Care approved group 'a' journal list 1 - pg no 378(25300)
2017-2018	Workability Behavior of Hybrid Copper Matrix Composites Synthesized by Powder Metallurgy Technique	Ranjithkumar P	MECH	cs and Mechnaical Eng	2017-2018	2354-0192	http://kdm.p.lodz.pl/articles/2017/21_2_3.pdf	http://kdm.p.lodz.pl/articles/2017/21_2_3.pdf	Other
2017-2018	Synthesis, Characterization and forming behavior of hybrid copper matrix composites produced using powder metallurgy	Ranjithkumar P	MECH	International Journal of Materials Research	2017-2018	2195-8556	https://www.degruyter.com/journal/key/ijmr/html	https://www.degruyter.com/document/doi/10.3139/146.111510/html	Other
2017-2018	Design and Fabrication of smart stair climbing and stuff delivering robot	M.Chandra Mohan	MCT	International Journal for research in applied science and Engineering Technology	2017-2018	2321-9653	https://www.ijraset.com/	https://www.ijraset.com/archive-detail.php?AID=65#	UGC
2017-2018	Effect of pH on Thermoelectric Oxide Ca ₃ Co ₄ O ₉	S. Berbeth Mary, D. Edward Christy, A. Panithra Amuthini, A. Leo Rajesh	S&H	International Journal of Advance Engineering and Research Development	2017-2018	2348-4470	http://www.ijaerd.com/papers/special_papers/NCN016.pdf	http://www.ijaerd.com/papers/special_papers/NCN016.pdf	UGC CARE LIST
2017-2018	Hydrothermal Synthesis of Perovskite Oxides CaMnO ₃ and SrMnO ₃	S. Berbeth Mary, D. Edward Christy, S. Selvakumari, A. Leo Rajesh	S&H	International Journal of Advance Engineering and Research Development	2017-2018	2348-4471	http://www.ijaerd.com/papers/special_papers/NCN017.pdf	http://www.ijaerd.com/papers/special_papers/NCN017.pdf	UGC CARE LIST
2017-2018	Synthesis and Characterization of Cerium doped CaMnO ₃ Nanoparticles	S. Berbeth Mary, A. Leo Rajesh	S&H	International Journal of Scientific Research in Science and Technology (IJSRST)	2017-2018	2395-602X	https://1library.net/title/synthesis-and-characterization-of-cerium-doped-camno-nanoparticles	https://www.ijsrst.com/paper/2380.pdf	UGC CARE LIST



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ACADEMIC YEAR - 2016 - 2017

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

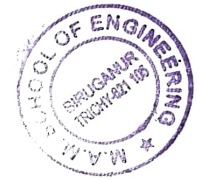
Year	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of Publications	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
							Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
2016-2017	Emission control in modified KIRILOSKER TV-1	P.Kaviyarasu	Aeronautical	International Journal of Advanced and Innovative Research	2016-2017	2278-7844	http://ijairjournal.in/	http://www.root/temp/ijair/	Others
2016-2017	Effect of geometric twist on wind turbine blade	S.Anand	Aeronautical	International Journal of Advanced and Innovative Research	2016-2017	2278-7844	http://ijairjournal.in/	http://ijairjournal.in/wwwroot/temp/ijair/May2016/457.pdf	Others
2016-2017	Design and analysis of mechanical and thermal behaviour of shape memory alloy in engine's intake and	P.Kaviyarasu	Aeronautical	International Journal of current Innovation Research	2016-2017	2395 -5775	https://web.archive.org/web/2021050521049/http://www.journalijcir.com/sites/default/files/issue_files/IJCIIR_A	http://www.journalijcir.com/sites/default/files/issue_files/IJCIIR_A	Others
2016-2017	Nd-YAG Laser cutting on Stainless steel	K.Ramanathan, T.Uma Sankari, M.P.Tamizhmani	Aeronautical	Imperial Journal of Interdisciplinary Research (IJIR)	2016-2017	2454-1362	http://www.onlinejournal.in/	https://www.onlinejournal.in/IJIRV2I7/081.pdf	Other
2016-2017	Innovative Method to Secure ECG Signal using ECC in Wireless Communication	Dr. R.lIango N.Karthika	EEE	International Journal for Modern Trends in Science and Technology	2016-2017	ISSN: 2455-3778	https://www.ijmst.com	https://www.ijmst.com/vol3issue5/IJMSTTRPEEE1039.pdf	Others
2016-2017	Asymmetrical Half Bridge Flyback Converter with Wind Energy	V.Sivashankari M.Sasikala R.Raghavi	EEE	Imperial Journal of Interdisciplinary Research	2016-2017	ISSN: 2454-1362	http://www.onlinejournal.in	http://www.onlinejournal.in/IJIRV3I1/201.pdf	Others
2016-2017	Multi-Objective Optimization of Electric Discharge Machining of Hybrid copper composite using Taguchi Grey Relational Analysis	Ranjithkumar P	MECH	Journal of Advances in Chemistry	2016-2017	2321-807X	http://www.researchgate.net/publication/317368727	https://www.researchgate.net/publication/317368727/Multi-Objective_Optimization_of_Electric_Discharge_Machining_of_Hybrid_Copper_Composite_Using_Taguchi_Grey_Relational_Analysis	Other

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2016-2017	Optimization kerf Width and surface Roughness in wirecut Electrical Discharge Machining Using Brass Wire	Panneer Selvam M, Ranjithkumar P	MECH	Mechanics and Mechnaical Engineering	2016-2017	2354-0192	http://www.kdm.p.lodz.pl/	http://www.kdm.p.lodz.pl/articles/2017/21_1_5.pdf	Other
2016-2017	Parametric Optimization of Aspect Ratio on Carbon Fiber Reinforced Polymer by Using Taguchi Method	Ranjithkumar P	MECH	International Journal of Advanced Engineering Technology	2016-2017	0976-3945	https://www.technicaljournalonline.com/jieat/	https://www.technicaljournalonline.com/jieat/VOL%20VII/IJAET%20VOL%20VII%20ISSUE%20II%20APRIL%20JUNE%202016/201672198.pdf	Other
2016-2017	Experimental Investigation of Machining Parameters in Electrical Discharge Machining using OHNS Material	Ranjithkumar P	MECH	Asian Journal of Research in Social Sciences and Humanities	2016-2017	2249-7315	www.ajsh.com	https://www.indianjournals.com/ijor.aspx?target=ijor:ajrssh&volume=6&issue=12&article=057	Other
2016-2017	Experimental Investigation of machining parameters in Electrical Discharge Machining using EN 36 Material	Ranjithkumar P, Panneer Selvam M., Deepak U.	MECH	ARPN Journal of Engineering and Applied Sciences	2016-2017	1819-6608	www.arpnjournals.com	http://www.arpnjournals.com/jeas/archive.htm	Other
2016-2017	Al6061 Hybrid Metal Matrix Composite Reinforced with Alumina and Molybdenum Disulphide	Dr. K. Chandrasekaran G. Pitchayapillai P. Seenikannan K. Raja	MECH	Advances in Materials Science and Engineering	2016-2017	1687-8442	https://www.hindawi.com/journals/amse/2016/6127624/	https://downloads.hindawi.com/journals/amse/2016/6127624.pdf	UGC Care approved group 'a' journal list 1 - pg no 17(1126) or ANNEXURE I & II (Pg No 217 & 219)
2016-2017	Soft Structures on Fuzzy Version of Soft INT G-Modules	Dr.R.NAGARAJAN &K.BALAMURUGAN	S&H	International Journal of Innovative Science, Engineering and Technology	2016-2017	2348-7968	http://www.ijiset.com/	http://ijiset.com/vol3/v3s6/IJSET_V3_I6_63.pdf	UGC CARE LIST
2016-2017	Soft Union Fuzzy structures of G-Modules	Dr.R.NAGARAJAN & K.BALAMURUGAN	S&H	International Journal of Scientific Research and Modern Education	2016-2017	2455-5630	http://ijsrme.rdmresearch.com/	http://ijsrme.rdmresearch.com/wp-content/uploads/2016/06/82.pdf	UGC CARE LIST

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2016-2017	Group action on G-invariant Fuzzy sub Lattice with thresholds of Complemented Lattices	Dr.R.NAGARAJAN & K.BALAMURUGAN	S&H	International Journal of Applied Research	2016-2017	2394-7500	https://www.allresearchjournal.com/	https://www.allresearchjournal.com/archives/?year=2016&vol=2&issue=6&part=N&ArticleId=2212	UGC CARE LIST
2016-2017	Brief Discussion on T-Level Complex Fuzzy subgroup	Dr.R.NAGARAJAN & K.BALAMURUGAN	S&H	International Journal of Applied Research	2016-2017	2394-7500	https://www.allresearchjournal.com/	https://www.allresearchjournal.com/archives/2016/vol2/issue6/PartO/2-6-134-784.pdf	UGC CARE LIST



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3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Year	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of Publications	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
							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
2016-2017	Emission control in modified KIROLOSKER TV-1	P.Kaviyarasu	Aeronautical	International Journal of Advanced and Innovative Research	2016-2017	2278-7844	http://ijairjournal.in/	http://wwwroot/temp/ijair/	Others
2016-2017	Effect of geometric twist on wind turbine blade	S.Anand	Aeronautical	International Journal of Advanced and Innovative Research	2016-2017	2278-7844	http://ijairjournal.in/	http://wwwroot/temp/ijair/May2016/t57.pdf	Others
2016-2017	Design and analysis of mechanical and thermal behaviour of shape memory alloy in engine's intake and	P.Kaviyarasu	Aeronautical	International Journal of current Innovation Research	2016-2017	2395 -5775	https://web.archive.org/web/20210505211049/http://www.journalijcir.com/	https://web.archive.org/web/20190805204626/http://www.journalijcir.com/sites/default/files/issue_files/IJ CIR_A https://www.onlinejournal.in/IJIRV217/081.pdf	Others
2016-2017	Nd-YAG Laser cutting on Stainless steel	R.Ramanathan, I.Uma Sankari, M.P.Tamizhmani	Aeronautical	Imperial Journal of Interdisciplinary Research (IJIR)	2016-2017	2454-1362	http://www.onlinejournal.in	http://www.onlinejournal.in/IJIRV217/081.pdf	Other
2016-2017	Innovative Method to Secure ECG Signal using ECC in Wireless Communication	Dr. R.Ilango N.Karthika	EEE	International Journal for Modern Trends in Science and Technology	2016-2017	ISSN: 2455-3778	https://www.ijmtst.com	https://www.ijmtst.com/vol3issue5/IJMTSTRPEEE1039.pdf	Others
2016-2017	Asymmetrical Half Bridge Flyback Converter with Wind Energy	V.Sivashankari M.Sasikala R.Raghavi	EEE	Imperial Journal of Interdisciplinary Research	2016-2017	ISSN: 2454-1362	http://www.onlinejournal.in	http://www.onlinejournal.in/IJIRV311/201.pdf	Others
2016-2017	Multi-Objective Optimization of Electric Discharge Machining of Hybrid copper composite using Taguchi Grey Relational Analysis	Ranjithkumar P	MECH	Journal of Advances in Chemistry	2016-2017	2321-807X	https://www.researchgate.net/publication/317368727_Multi-Objective_Optimization_of_Electric_Discharge_Machining_of_Hybrid_Copper_Composite_Using_Taguchi_Grey_Relational_Analysis	Other	

2016-2017	Optimization kerf Width and surface Roughness in wirecut Electrical Discharge Machining Using Brass Wire	Panneer Selvam M, Ranjithkumar P	MECH	Mechanics and Mechnaical Engineering	2016-2017	2354-0192	http://www.kdm.p.lodz.pl/	http://www.kdm.p.lodz.pl/articles/2017/21_1_5.pdf	Other
2016-2017	Parametric Optimization of Aspect Ratio on Carbon Fiber Reinforced Polymer by Using Taguchi Method	Ranjithkumar P	MECH	International Journal of Advanced Engineering Technology	2016-2017	0976-3945	https://www.technicaljournalonline.com/ijeat/	https://www.technicaljournalonline.com/ijeat/VOL%20VII/IJAET%20VOL%20VII%20ISSUE%20II%20APRIL%20JUNE%202016/201672198.pdf	Other
2016-2017	Experimental Investigation of Machining Parameters in Electrical Discharge Machining using OHNS Material	Ranjithkumar P	MECH	Asian Journal of Research in Social Sciences and Humanities	2016-2017	2249-7315	www.aijsh.com	https://www.indianjournals.com/ijor.aspx?target=ijor:ajrssh&volume=6&issue=12&article=057	Other
2016-2017	Experimental Investigation of machining parameters in Electrical Discharge Machining using EN 36 Material	Ranjithkumar P, Panneer Selvam M., Deepak U.	MECH	ARNP Journal of Engineering and Applied Sciences	2016-2017	1819-6608	www.arnpjournals.com	http://www.arnpjournals.com/jeas/archive.htm	Other
2016-2017	Al6061 Hybrid Metal Matrix Composite Reinforced with Alumina and Molybdenum Disulphide	Dr. K. Chandrasekaran G. Pitchayyapillai P. Seenikannan K. Raja	MECH	Advances in Materials Science and Engineering	2016-2017	1687-8442	https://www.hindawi.com/journals/amse/2016/6127624/	https://downloads.hindawi.com/journals/amse/2016/6127624.pdf	UGC Care approved group 'a' journal list 1 - pg no 17(1126) or ANNEXURE I & II (Pg No 217 &219)
2016-2017	Soft Structures on Fuzzy Version of Soft INT G-Modules	Dr.R.NAGARAJAN &K.BALAMURUGAN	S&H	International Journal of Innovative Science, Engineering and Technology	2016-2017	2348-7968	http://www.ijiset.com/	http://ijiset.com/vol3/v3s6/IJISSET_V3_I6_63.pdf	UGC CARE LIST
2016-2017	Soft Union Fuzzy structures of G-Modules	Dr.R.NAGARAJAN & K.BALAMURUGAN	S&H	International Journal of Scientific Research and Modern Education	2016-2017	2455-5630	http://ijsrme.rmodernresearch.com/	http://ijsrme.rmodernresearch.com/wp-content/uploads/2016/06/82.pdf	UGC CARE LIST

2016-2017	Group action on G -invariant Fuzzy sub Lattice with thresholds of Complemented Lattices	Dr.R.NAGARAJAN & K.BALAMURUGAN	S&H	International Journal of Applied Research	2016-2017	2394-7500	https://www.allresearchjournal.com/	https://www.allresearchjournal.com/archives/?year=2016&vol=2&issue=6&part=N&ArticleId=2212	UGC CARE LIST
2016-2017	Brief Discussion on T-Level Complex Fuzzy subgroup	Dr.R.NAGARAJAN & K.BALAMURUGAN	S&H	International Journal of Applied Research	2016-2017	2394-7500	https://www.allresearchjournal.com/	https://www.allresearchjournal.com/archives/2016/vol2issue6/PartO/2-6-134-784.pdf	UGC CARE LIST