



R K COLLEGE OF ENGINEERING

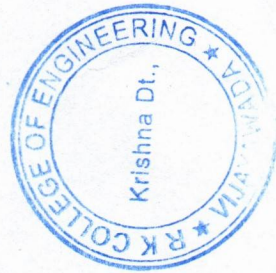
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3.3.1 Number of papers published per teacher in the Journals notified on UGC CARE LIST website during Last Five years 2021-2022 to 2017-2018

SUMMARY SHEET

Academic year	2021-2022	2020-2021	2019-2020	2018-2019	2017-2018	TOTAL
No. of activities conducted	29	33	19	16	14	111



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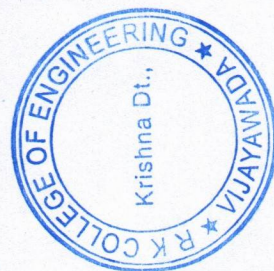
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3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the 2021-2022

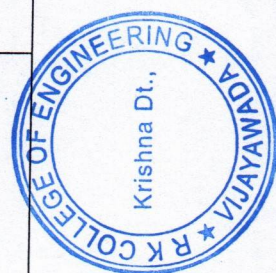
S N	Name of the Faculty/ author	Title of paper	Name of journal	ISSN/ISBN number	Link to website of the Journal	Link to article / paper / abstract of the article
ACADEMIC YEAR 2021-2022						
1	Prof Kondragunta Rama Krishnaiah	Signed Edge Unidomination Number of a Path	International Journal of Mathematics Trends and Technology	ISSN: 2231 - 5373/doi:10.14 445/22315373 /IJMTT- V67112P501	http://ijmttjournal.org/archive/ijmtt-v67i12p501	http://ijmttjournal.org/archive/ijmtt-v67i12p501
2	Dr. Kondragunta Rama Krishnaiah	Signed Edge Unidominating Function of a Rooted Product Graph of a Path with a Path	JOURNAL OF ENGINEERING, COMPUTING & ARCHITECTURE	ISSN NO:1934-7197	http://www.journal-engineering.com/Volume-11-Issue-12-DECEMBER-2021/	http://ijmttjournal.org/archive/ijmtt-v67i12p501



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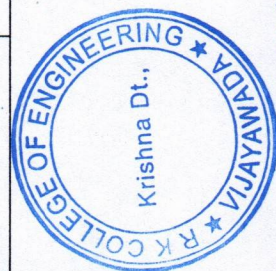
3	Dr. Kondragunta Rama Krishnaiah	Upper Total Signed Unidomination Number of a Rooted Product Graph of a Path with a Star	International Journal for Modern Trends in Science and Technology, 7(10): 118-122, 2021	SSN: 2455-3778 online DOI: https://doi.org/10.46501/IJMTST0710019	http://www.ijmtst.com/vol7issue10.html
4	Dr. Kondragunta Rama Krishnaiah	Signed Unidomination Number of a Rooted Product Graph of a Path with a Cycle	International Journal of Mathematics Trends and Technology Volume 67 Issue 9, 198-207	SSN: 2231 - 5373/doi:10.14445/22315373/IJMTT-V67I9P522	https://www.ijmtjournal.org/archive/volume67-issue9
5	Dr. Kondragunta Rama Krishnaiah	Upper Signed Edge Unidomination Number of a Rooted Product Graph of a Path with a Cycle	Science, Technology and Development	ISSN : 0950-0707 Volume X Issue XII DECEMBER 2021	https://www.ijmtjournal.org/archive/volume67-issue9
6	Hanumat Prasad Alahari	Enhanced RPL Routing Protocol to Defend DDoS attacks in Internet of things	The International journal of analytical and experimental modal analysis	ISSN NO:0886-9367	http://www.ijaema.com/VOLUME-XIII-ISSUE-XII-DECEMBER-2021/
7	Dr. Kondragunta Rama Krishnaiah	Upper Signed Edge Unidomination Number of A Cycle	The International journal of analytical and experimental modal analysis	ISSN NO:0886-9367	https://ieeexplore.ieee.org/abstract/document/6834783



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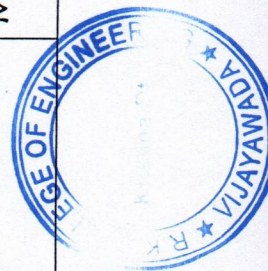
8	Dr. Kondragunta Rama Krishnaiah	Upper Total Signed Unidomination Number of a Rooted Product Graph of a Path with a Star	International Journal for Modern Trends in Science and Technology	ISSN: 2455-3778	http://www.ijmtst.com/vol7issue10.html	http://www.ijmtst.com/volume7/issue10/19.IJMTST0710045.pdf
9	Dr. Kondragunta Rama Krishnaiah	Signed Unidomination Number of a Rooted Product Graph of a Path with a Cycle	International Journal of Mathematics Trends and Technology	ISSN: 2231-5373/doi:10.14445/22315373/IJMTT-V6719P522	http://ijmtjournal.org/Volume-67/Issue-9/IJMTT-V6719P522.pdf	http://ijmtjournal.org/Volume-67/Issue-9/IJMTT-V6719P522.pdf
10	Hanumat Prasad Alahari,	Enhanced RPL Routing Protocol to Defend DDoS attacks in Internet of things	The International journal of analytical and experimental modal analysis	ISSN NO:0886-9367	https://link.springer.com/article/10.1007/s11277-020-07421-z	https://link.springer.com/article/10.1007/s11277-020-07421-z
11	P.Suresh	A Review on High Speed 32-Bit Vedic Multiplier Design And Implementation	IJARST	2457-0362	www.ijarst.in	https://www.rkce.ac.in/_files/ugd/938944_b46873e6e636488eb05d197d1e41143b.pdf
12	MAHABBOBKHA N PATHAN	A Review on Parallel Cmos Implementation Of Nor Logic In Both Pull-Up And Pull Down Networks	IJARST	2457-0362	www.ijarst.in	https://www.rkce.ac.in/_files/ugd/938944_fa3360207cf442ae850a2986be21a6c5.pdf



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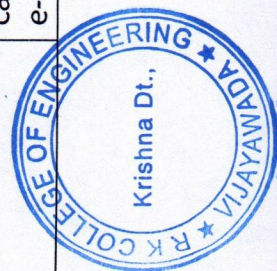
13	B.EDITH	A Review on Practical Implementation Of Area Efficient, Low Power Amba-Apb Bridge For Soc	IJARST	2457-0362	www.ijarst.in	https://www.rkce.ac.in/_files/ugd/938944_fa3360207cf442ae850a2986be21a6c5.pdf
14	V.V.G.S PRASAD	A Review on The Design Of Low Power High Performance 2-4 And 4-16 Mixed Logic Line Decoders	IJARST	2457-0362	www.ijarst.in	https://www.rkce.ac.in/_files/ugd/938944_fa3360207cf442ae850a2986be21a6c5.pdf
15	DR.SK.KHASIM	A Review on Fault Tolerant Reversible Full Adder Design Using Gated Diffusion Input	IJARST	2457-0362	www.ijarst.in	https://www.rkce.ac.in/_files/ugd/938944_fa3360207cf442ae850a2986be21a6c5.pdf
16	P.VAMSI KRISHNA	A Review on Low Power 1-Bit Full Adder Using Full Swing Gate Diffusion Input Techniques	IJARST	2457-0362	www.ijarst.in	https://www.rkce.ac.in/_files/ugd/938944_fa3360207cf442ae850a2986be21a6c5.pdf
17	V.V.G.S PRASAD	Content Based Image Retrieval Using Feature Extraction With Machine Learning	IJARST	2457-0362	www.ijarst.in	https://www.rkce.ac.in/_files/ugd/938944_fa3360207cf442ae850a2986be21a6c5.pdf



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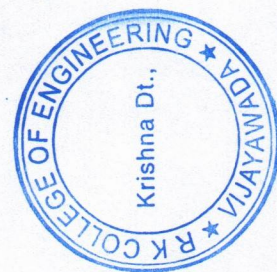
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18	V.V.G.S PRASAD	Cms For Pandemic Situation Using Iiot& Can	IJAEMA	0886-9367	http://www.ijaema.com/	https://www.rkce.ac.in/files/ugd/938944_fa3360207cf442ae850a2986be21a6c5.pdf
19	SK.JOHN SYDHA	Design And Investigation of Low Complexity Anurupyena Vedic Multiplier For Machine Learning	IJARST	2457-0362	www.ijarst.in	https://www.rkce.ac.in/files/ugd/938944_fa3360207cf442ae850a2986be21a6c5.pdf
20	Bodapati Venkata Rajanna	Datasets design of gate diffusion input based pipeline architecture for numerically controlled oscillator	Indonesian Journal of Electrical Engineering and Computer Science	2502-4752	https://ijeeecs.iaescore.com/index.php/IJEECS/article/view/26129	https://ijeeecs.iaescore.com/index.php/IJEECS/article/view/26129/16191
21	Bodapati Venkata Rajanna	Design and analysis of dual-mode numerically controlled oscillators based controlled oscillator frequency modulation	International Journal of Electrical and Computer Engineering (IJECE)	0886-9367	https://ijeece.iaescore.com/index.php/IJECE/article/view/27369	https://ijeece.iaescore.com/index.php/IJECE/article/view/27369/15920
22	Sathya Bangaru	Synthesis, spectroscopic (FT-IR and NMR), DFT and molecular docking studies of ethyl 1-(3-nitrophenyl)-5-phenyl-3-((4-(trifluoromethyl)phenyl)carbamoyl)-1H-pyrazole-4-carboxylate	Research on Chemical Intermediates	0922-6168	https://link.springer.com	https://link.springer.com/article/10.1007/s11164-022-04681-1



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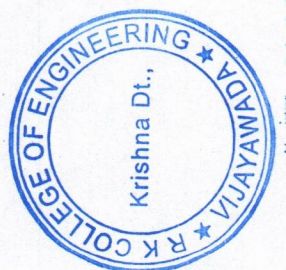
23	Sathya Bangaru	Exploring the structure, binding mode, flexibility and toxicity nature for Sinefungin molecule: a theoretical approach	Research on Chemical Intermediates	0361-3682	https://link.springer.com	https://doi.org/10.1007/s11164-022-04714-9
24	Dr R. Sujatha Rani	Jane Austen's Catherine is devoted women in Northanger Abbey	Literary Endeavour	0976-299X	www.literaryendeavour.org	https://www.rkce.ac.in/files/ugd/938944_123e3f29615c46878a6b84833a881798.pdf
25	B. Sathya	Spectroscopic, quantum chemical, ADMET and molecular docking studies of echinatin: a prospective tuberculosis drug	Research on Chemical Intermediates	11164-022-04716-7	www.springer.com	https://doi.org/10.1007/s11164-022-04716-7
36	Gurram Narendra Santosh Kumar	Modeling And Analysis Of Gas Turbine Rotor Blade By Using Fem."	International Journal of Scientific & Technology Research	2277-8616	International Journal of Scientific & Technology Research (ijstr.org)	Modeling-And-Analysis-Of-Gas-Turbine-Rotor-Blade-By-Using-Fem.pdf (ijstr.org)
27	K Kishore Kumar	Infrared and visible image fusion using latent low rank technique for surveillance applications	International Journal of Speech Technology	1381-2416	https://link.springer.com	https://link.springer.com/article/10.1007/s10772-021-09822-2



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28	Gurram Narendra Santosh	Network Simulation of a Transportation System Based On Accelerating Moving Walkway for Efficient and Sustainable Cities."	International Journal of Engineering & Technology	2277-3878	https://www.iirte.org/portfolio-item/d9232118419/	https://www.researchgate.net/publication/337782898_Network_Simulation_of_a_Transportation_System_Based_on_Accelerating_Moving_Walkway_for_Efficient_and Sustainable Cities
29	K Kishore Kumar	IoT-Based Smart Agriculture	IGI Global: International Academic Publisher	ISBN: 978179 9868705	https://www.igi-global.com	https://www.igi-global.com/chapter/iot-based-smart-agriculture/285678



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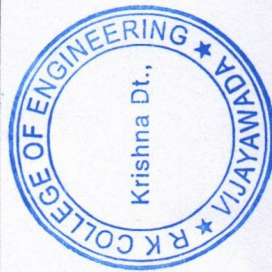
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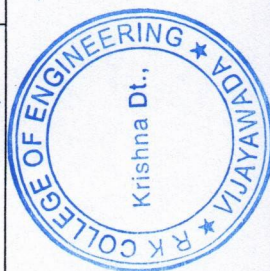
S N	Name of the Faculty/ author	Title of paper	Name of journal	ISSN/ISBN number	Link to website of the Journal	Link to article / paper / abstract of the article
ACADEMIC YEAR 2020-2021						
1	Hanumat Prasad Alahari	Integrating And Interfacing The Reference Protocol Stack Of Iot In Glowpan Network	Jour of Adv Research in Dynamical & Control Systems	Vol. 12, Issue-06, 202	https://ieeexplore.ieee.org/abstract/document/7562102	https://ieeexplore.ieee.org/abstract/document/7562102
2	Hanumat Prasad Alahari	Ensemble DOS Attack Detection with IoT Integration Algorithm	Alahari et al., International Journal of Emerging Trends in Engineering Research, 8(9), September 202	ISSN 2347 - 3983	https://ieeexplore.ieee.org/abstract/document/9205973	https://ieeexplore.ieee.org/abstract/document/9205973
3	V.V.G.S RAJENDRA PRASAD	Waste Management Using Node Mcu	IJCM	0974-8652	http://sijcmi.weebly.com/	https://www.rkce.ac.in/_files/ugd/938944_fa360207cf442ae850a2986be21a6c5.pdf



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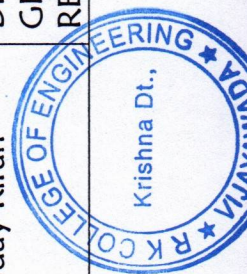
4	SK.JOHN SYDHA	Intellegent Ambulance For City Traffic Police	IJCMI	0974-8652	http://sijcmi.weebly.com/	https://www.rkce.ac.in/files/ugd/938944_fa3360207cf442ae850a2986be21a6c5.pdf
5	V.V.G.S PRASAD	Android Based Home Automation System Using Arduino	IJCMI	0974-8652	http://sijcmi.weebly.com/	https://www.rkce.ac.in/files/ugd/938944_fa3360207cf442ae850a2986be21a6c5.pdf
6	P.VAMSI KRISHNA	Automatic plant irrigation system using arduino	IJCMI	0974-8653	http://sijcmi.weebly.com/	https://www.rkce.ac.in/files/ugd/938944_b46873e6e636488eb05d197d1e41143b.pdf
7	B.EDITH	Automatic Industrial Air Pollution Monitoring System	IJCMI	0974-8652	http://sijcmi.weebly.com/	https://www.rkce.ac.in/files/ugd/938944_fa3360207cf442ae850a2986be21a6c5.pdf
8	B.EDITH	Enhancement Of Satellite Image Using Dual Tree Complex Wavelet Transform	IJCMI	0974-8653	http://sijcmi.weebly.com/	https://www.rkce.ac.in/files/ugd/938944_b46873e6e636488eb05d197d1e41143b.pdf
9	SK.John Sydha	Kidney Stones Detection Using Fuzzy C And K Means Clustering Techniques : A Comparision	IJCMI	0974-8653	http://sijcmi.weebly.com/	https://www.rkce.ac.in/files/ugd/938944_b46873e6e636488eb05d197d1e41143b.pdf



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10	B V Rajanna	Induction Drive System With Dstatcom Based Asymmetric Twin Converter	International Journal of Power Electronics and Drive System (IJPEDS)	2088-8694	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/20508/13261	http://doi.org/10.11591/ijpeds.v1i1.i4.pp1826-1834
11	B. V. Rajanna	Chopper-Based Control Circuit For Bess Integration In Solar Pv Grids	MDPI	1996-1073	https://www.mdpi.com/1996-1073/14/6/1530	https://www.mdpi.com/1996-1073/14/6/1530
12	B. V. Rajanna,	Comparison Study of Lead-Acid And Lithium-Ion Batteries For Solar Photovoltaic Applications	International Journal for Modern Trends in Science and Technology	2455-3778	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/21189	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/21189/13434
13	B.Veerababu	Charge System on Energy-Saving Configuration Bysmart Charge Management Using Photovoltaic Burp	IJCMII	094-8652	https://www.rkce.ac.in/files/ugd/938944/bd8fecdd5be74fa68e418b1cf5eef2af.pdf	https://www.rkce.ac.in/files/ugd/938944/bd8fecdd5be74fa68e418b1cf5eef2af.pdf
14	M.Uday Kiran	ANTI-ISLANDING PROTECTION OF DISTRIBUTED GENERATION	IJCMII	0974-8652	https://www.rkce.ac.in/files/ugd/938944/bd8fecdd5be74fa68e418b1cf5eef2af.pdf	https://www.rkce.ac.in/files/ugd/938944/bd8fecdd5be74fa68e418b1cf5eef2af.pdf
15	Sk.ARIF	ENHANCING POWER QUALITY WITH IMPROVED DYNAMIC VOLTAGE REGISTER BASED THREE PHASE FOUR WIRE SYSTEM	IJCMII	0974-8652	https://www.rkce.ac.in/files/ugd/938944/bd8fecdd5be74fa68e418b1cf5eef2af.pdf	https://www.rkce.ac.in/files/ugd/938944/bd8fecdd5be74fa68e418b1cf5eef2af.pdf
16	M.Uday Kiran	ANTI-ISLANDING PROTECTION OF DISTRIBUTED GENERATION : A REVIEW	IJCMII	0974-8652	https://www.rkce.ac.in/files/ugd/938944/bd8fecdd5be74fa68e418b1cf5eef2af.pdf	https://www.rkce.ac.in/files/ugd/938944/bd8fecdd5be74fa68e418b1cf5eef2af.pdf



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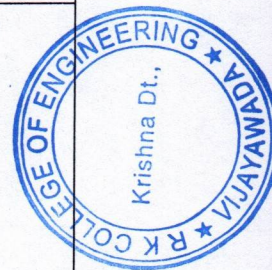
17	Dr. N Y Raju	A STUDY ON LABOUR LAW COMPLIANCE WITH SIMPLIANCE TECHNOLOGIES PVT LTD, BANGALORE	International Journal of Research and Analytical Reviews	2349 - 5138	https://www.ijrar.org	https://www.ijrar.org
18	N. Y. RAJU	The covid-19 in India- impacts on the economy and the automobile sector	Journal of Contemporary Issues in Business and Government	1323-6903	https://www.cibgp.com	https://www.cibgp.com/article/10710_5bcb10f180ec204af4ff2871955f817.pdf
19	Dr R. Sujatha Rani	PORTRAYAL OF GLOBALISATION: THE SHADOW LINES	International Citation Indexing (ICI), International Scientific Indexing (ISI), Directory of Research Journal Indexing (DRJI) & Cosmos; Vol-5, Special Issue-3, 2020	2456-2696	www.rjoe.org.in	https://www.rkce.ac.in/files/ugd/938944123e3f29615c46878a6b84833a881798.pdf
20	B. Sathya	Exploring the screening of perylene based organic sensitizers with different lengths and functional groups of acceptors via computational spectroscopic analysis	Chemical Data Collections	1000729	www.elsevier.com/locate/bab	https://doi.org/10.1016/j.cdc.2021.100729



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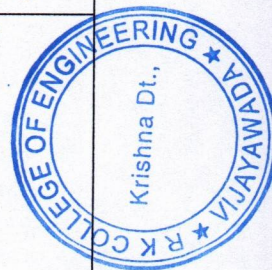
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21	Sathya Bangaru,	Probing the structural properties, binding mode and intermolecular interactions of herbacetin against H1N1 neuraminidase using vibrational spectroscopic, quantum chemical calculation and molecular docking studies	Research on Chemical Intermediates	11164-022-04716-7	https://link.springer.com	https://doi.org/10.1007
22	Sathya Bangaru ,	Spectroscopic investigations, quantum chemical calculations and molecular docking studies of Mangiferin - an anti-viral agent of H1N1 Influenza virus	Chemical Data Collections	1000729	http://www.elsevier.com/locate/cdc	https://doi.org/10.1016/j.cdc.2020.100580
23	B. Sathya	Probing the vibrational spectroscopic properties and binding mechanism of anti-influenza agent Liquiritin using experimental and computational studies	Research on Chemical Intermediates	11164-022-04716-7	https://link.springer.com	https://doi.org/10.1007/s11164-020-04216-6
24	V. Murali Krishna	Effect of samarium ions concentration on physical, optical and photoluminescence properties of Oxy-Fluoro Boro Tellurite glasses	Optical Materials	0925-3467	https://http://www.elsevier.com/locate/optmat	https://doi.org/10.1016/j.optmat.2020.110368



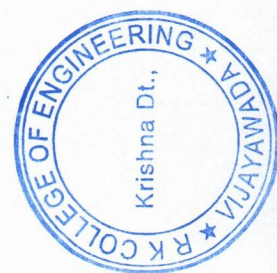
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25	Harish H	Artificial neural network based prediction on tribological properties of polycarbonate composites reinforced with graphene and boron carbide particle"	Materials Today: Proceedings	2214-7853	https://doi.org	https://www.science-direct.com/science/article/pii/S2214785319339628
26	Gurram Narendra Santosh	Induction Motor for Pedestrian Transportation in Benz Circle Vijayawada."	Journal of Information Science & Engineering	1016-2364	https://ijise.iis.sinica.edu.tw/	https://www.researchgate.net/publication/339616965_Induction_Motor_for_Pedestrian_Transportation_in_Benz_Circle_Vijayawada
27	K Kishore Kumar	Computer vision based classroom attendance management system-with speech output using LBPH algorithm	International Journal of Speech Technology	1381-2416	https://link.springer.com	https://link.springer.com/article/10.1007/s10772-020-09739-2
28	K Kishore Kumar	Hand sign recognition using CNN	International Journal of Performance Engineering	314-321	http://www.iipe-online.com	http://www.iipe-online.com/article/2021/0973-1318/0973-1318-17-3-314.shtml
29	Harish.H	The influence of injection timing on performance, emission, and combustion characteristics of compression ignition engine fueled with milk scum oil biodiesel	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	185-9007	https://www.semanticscholar.org	https://www.semanticscholar.org/paper/The-influence-of-injection-timing-on-performance%2C-Harish-Rajanna/8fed7eca04a65248ec514804ce27db80810e7e24



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30	Harish H	Investigation of performance parameters combustion and emission characteristics of compression ignition engine fueled with pongamia methyl ester-gasoline blend	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	1556-7230	https://www.tandfonline.com/doi/abs/10.1080/15567036.2021.1929578?journalCode=ueso20
31	Harish H	extraction of biodiesel from fish fat and experimental evaluation of performance and emission characteristics in diesel engine	Dogo Rangsang Research Journal,	2456-8880	https://www.researchgate.net/publication/344160810 Extract ion of biodiesel from fish fat and experimental evaluation of performance and emission characteristics in diesel engine
32	H .Harish	Extraction of biodiesel from tung seed oil and evaluating the performance and emission studies on 4-stroke Cl engine"	Materials Today	4869-4877	https://doi.org/10.1016/j.matpr.2020.10.328
33	Dr. R. Sujatha Rani	English teacher plays a vital role in engineering education	Literary Endeavour	O976-299X	https://www.literaryendeavour.org/archives/2021/43




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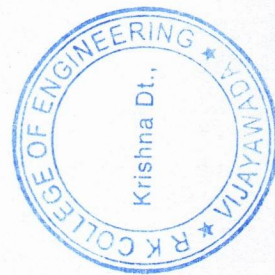
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3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the 2019-2020

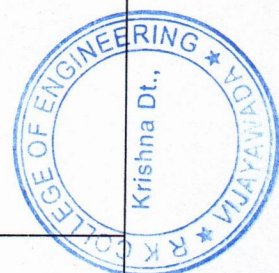
S N	Name of the Faculty/ author	Title of paper	Name of journal	ISSN/ISBN number	Link to website of the Journal	Link to article / paper / abstract of the article
ACADEMIC YEAR 2019-2020						
1	Dr. Kondragunta Rama Krishnaiah	On Some Properties of Middle Cube Graphs and Their Spectra	International Journal of Advanced Science and Technology (IJAST)	ISSN:2207-6360	http://www.ijresm.com/Vol.3_2020/Vol3_Iss5_May20/IJRESM_V3_I5_84.pdf	http://www.ijresm.com/Vol.3_2020/Vol3_Iss5_May20/IJRESM_V3_I5_84.pdf
2	Hanumat Prasad Alahari	Performance Analysis of Denial of Service DoS and Distributed DoS Attack of Application and Network Layer of IoT	International Conference on Inventive Systems and Control	ISBN: 978-1-5386-3950-4	https://ieeexplore.ieee.org/abstract/document/9036403	https://ieeexplore.ieee.org/abstract/document/9036403



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5	Gurram Narendra Santosh Kumar	Statistical analysis of spinal cord injury severity detection on high dimensional MRI data	International Journal of Electrical and Computer Engineering	2088- 8708	http://download.garuda.kemdikbud.go.id/article.php?article=1303857&val=146&title=Statistical%20analysis%20of%20spinal%20cord%20injury%20severity%20detection%20on%20high%20dimensional%20MRI%20data
6	H. Harish	The screening efficiency of linear vibrating screen - An experimental investigation	AIP Conference Proceedings	1904-4720	https://www.researchgate.net/publication/359510912_Experimental_investigation_of_effect_of_injection_parameters_on_stationary_diesel_engine_fuel_with_the_methyl_ester_of_waste_vegetable_oil
7	Gurram Narendra Santosh Kumar	A deep learning process for spine and heart segmentation using pixel-based convolutional networks.	Journal of International Pharmaceutical Research 46	278-282	https://www.researchgate.net https://www.researchgate.net/publication/331966844_A_deep_learning_process_for_spine_and_heart_segmentation_using_pixel-based_convolutional_networks



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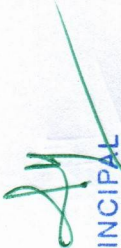
8	Gurram Narendra Santhosh Kumar	4-bit multiplier design using cmos gates in electric VLSI.	International Journal of Recent Technology and Engineering	1172-1177.	https://www.iirte.org/	https://www.researchgate.net/profile/Gurram-Santosh-Kumar/publication/335490072_4-Bit_Multiplier_Design_using_CMOS_Gates_in_Electric_VLSI/links/5d68c59192851c154cc5b889/4-Bit-Multiplier-Design-using-CMOS-Gates-in-Electric-VLSI.pdf
9	B. V. Rajanna	Grid Connected Solar PV System with MPPT and Battery Energy Storage System	International Transactions on Electrical Engineering and Computer Science	2204-1990	https://www.iteecs.com/index.php/iteecs/article/view/5	https://www.iteecs.com/index.php/iteecs/article/view/5/6
10	B. V. Rajanna	Comparison of one and two time constant models for lithium ion battery	International Journal of Electrical and Computer Engineering (IJECE)	2088- 8708	https://ijece.iaescore.com/index.php/IJECE/article/view/20632#:~:text=The%20simulation%20results%20in%20this,model%20in%20UDDS%20Cycle%20condition	https://ijece.iaescore.com/index.php/IJECE/article/view/20632/13541
11	B V Rajanna,	Dynamic model development for lead acid storage battery	Indonesian Journal of Electrical Engineering and Computer Science	2502- 4752	https://ijece.iaescore.com/index.php/IJECE/article/view/18282/0	https://ijece.iaescore.com/index.php/IJECE/article/view/18282/18282



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12	D.V.DEEPIKA	Highly efficient asymmetrical PWM full bridge converter for RES	IJCMII	0974-8652	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf
13	T.PARVATHI	Design And Simulation Of 10mw Photovoltaic Power Plant Using Matlab And Simulink	IJCMII	0974-8652	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf
14	K.PRAKASH	Power Quality Improvement By Using Fuzzy Based Grid-Connected Dual Voltage Source Inverter	IJCMII	0974-8652	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf
15	G.VEERA NAGA BABU	A New Multi-Level Inverter with FACTS Capabilities for Wind Applications	IJCMII	0974-8652	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf
16	B.KANAKARAO	A Cascaded Multilevel Inverter Based On Switchedcapacitor For High-Frequency Ac Power Distribution	IJCMII	0974-8652	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf
17	K.BHARGAVI	Grid Voltage Synchronization For Distributed Generation Systems Under Grid Fault Conditions	IJCMII	0974-8652	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf




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18	B. VEERA BABU	A Hybrid Cascaded Multilevel Converter for Battery Energy Management Applied in Electric Vehicles	IJCMI	0974-8652	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf	https://www.rkce.ac.in/files/ugd/938944_bd8fecdd5be74fa68e418b1cf5eef2af.pdf
19	Dr. N. Y. Raju	A Study On Financial Performance Evaluation Of Small Scale Enterprises-A Case Study Of Limenaph Chemicals Private Limited	International Journal of Advance and Innovative Research	ISSN 2394 - 7780	https://d1wqtxts1xzle7.cloudfront.net/9925454/40_Dr_Saandeep_article_ijair-volume-6-issue-2-xxiv-april-june-2019	https://d1wqtxts1xzle7.cloudfront.net/9925454/40_Dr_Saandeep_article_ijair-volume-6-issue-2-xxiv-april-june-2019

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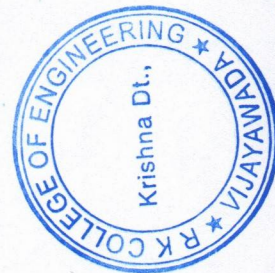
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3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the 2018-2019

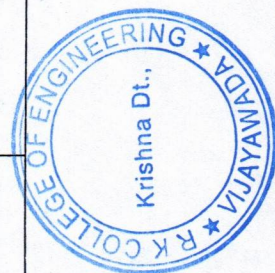
S N	Name of the Faculty/ author	Title of paper	Name of journal	ISSN/ISBN number	Link to website of the Journal	Link to article / paper / abstract of the article
ACADEMIC YEAR 2018-19						
1	Dr. Kondragunta Rama Krishnaiah	A Comparative Analysis on restricted size Ramsey Number for Path of order three versus graph of order five	Journal of Applied Science and Computations Volume VI, Issue V, May/2019 ISSN NO: 1076-5131	ISSN NO: 1076-5131	file:///C:/Users/RK/Dowloads/DennyEJC/TA356-2055-1-PB.pdf	https://ieeexplore.ieee.org/abstract/document/6834783
2	Sk.John Sydha	Rf Based Home Automation Using Arduino	International Journal of Applied Sciences, Engineering and Management	ISSN 2320 – 3439	http://portal.issn.org	https://www.rkce.ac.in/files/ugd/938944_b46873e6e636488eb05d197d1e41143b.pdf

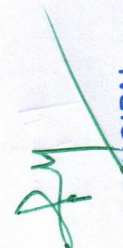


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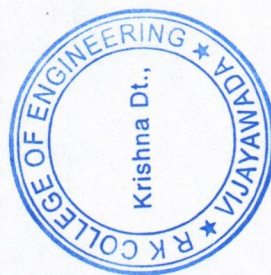
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Vijayawada, AMARAVATI-521 456.

3	V.Sudhakara Rao	Bank Locker Security System with Password and Intruder Alarm	International Journal of Applied Sciences, Engineering and Management	ISSN 2320 – 3440	http://portal.issn.org	https://www.rkce.ac.in/files/ugd/938944_b46873e6e636488eb05d197d1e41143b.pdf
4	P.Sudhakara Rao	Airpolution Monitoring System Using Arduino	International Journal of Applied Sciences, Engineering and Management	ISSN 2320 – 3439	http://portal.issn.org	https://www.rkce.ac.in/files/ugd/938944_b46873e6e636488eb05d197d1e41143b.pdf
5	Gurram Narendra Santosh kumar	Modelling and Simulation of a Multi-drive Accelerating Moving Walkway in Metropolitan Cities.	JOURNAL OF RESEARCH ON THE LEPIDOPTERA	0022-4324	https://www.researchgate.net/	https://www.researchgate.net/publication/335858608_Design_and_Analysis_of_a_Multi-Drive_Moving_Walkway_for_Public_Transportation
6	Gurram Narendra Santosh Kumar	Design And Analysis Of A Heavy Vehicle Chassis By Using E- Glass Epoxy & S- 2 Glass Materials	international Journal of Recent Technology and Engineering	2277-3878	https://www.ijrte.org/	https://www.ijrte.org/content/uploads/papers/v7i6/F2495037619.pdf
7	K Kishore Kumar	Deep learning for pixel-level image fusion using CSR technique	International Journal of Recent Technology and Engineering	2277-3878	https://www.ijrte.org/	https://www.researchgate.net/publication/338644408_Deep_learning_for_pixel_level_image_fusion_using_cnn




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8	K Kishore Kumar	Deep learning for pixel-level image fusion using CNN	International Journal of Innovative Technology and Exploring Engineering	2278-3075	https://www.researchgate.net/profile/Sri-Gowri-Saketha/publication/338644408_Deep_Learning_for_pixel_level_image_fusion_using_cnn/links/5e21515992851cafc38a9ab5/Deep-Learning-for-pixel-level-image-fusion-using-cnn.pdf
9	Gurram Narendra Santosh Kumar	Texture Filtration Module Under Stabilization Via Random Forest Optimization Methodology	international Journal of Advanced Trends in Computer Science and Engineering.	2278-3091	https://www.warse.org/IJATCSE/static/pdf/file/ijatcse20832019.pdf
10	Gurram Narendra Santosh Kumar	Selecting a college academic branch-a design decision taking system for student career selection.	Journal of International Pharmaceutical Research 46, no. 1 (2019):	323-328	https://www.researchgate.net/publication/330082497_Selecting_a_College_Academic_Branch-a_Design_Decision_Taking_System_for_Student_Career_Selection



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11	B. V. Rajanna	Resonance Propagation and Elimination in Integrated and Islanded Microgrids	International Journal of Power Electronics and Drive System (IJPEDS)	2231 – 5373	https://ijped.s.iaescore.com/index.php/IJPEDS/article/view/15009	https://ijped.s.iaescore.com/index.php/IJPEDS/article/view/15009/11341
12	B.V.Rajanna	A Transformer Less High Step up DC-DC Converter Based on Cockcroft Walton Voltage Multiplier for Grid Tied System	JST Journal of Science and Technology (JST)	2456-5660	https://www.researchgate.net/publication/337331505_A_Transformer_Less_High_Step_up_DC-DC_Converter_Based_on_Cockcroft_Walton_Voltage_Multiplier_for_Grid_Tied_System?enrichId=rgreq-e951507056a9e3a25a729ad085d372b1-XXX&enrichSource=Y292ZXJQYWdIOzMzMzMzMtUwNTtBUzo4MjY2MDg4ODk5MDUwNTdAMTU3NDk5MDUwNTY5OQ%3D%3D&el=1_x_3&esc=publicationCoverPdf	https://www.researchgate.net/signup?ev=su_requestFulltext
13	B.V.Rajanna	Reactive Power Compensation with DSTATCOM in different modes of operation of a Single Phase Micro grid	Journal of Electrical Engineering	3315-29766	http://www.jee.ro/index.php/jee/article/view/WE1495005860W591bfaa483ddf	http://www.jee.ro/index.php/jee/article/view/WE1495005860W591bfaa483ddf




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14	B. Sathya	Vibrational Analysis (FT-IR and FT-Raman Spectra) and Molecular Docking Evaluation of MPTB in GABA Receptor	Journal of Cluster Science	https://link.springer.com/article/10.1007/s10876-019-01562-3	https://link.springer.com	https://link.springer.com/article/10.1007/s10876-019-01562-3
15	B. Sathya	Spectroscopic (FT-IR, FT-Raman, UV-Vis), quantum chemical calculation and molecular docking evaluation of liquiritigenin: an influenza A (H1N1) neuraminidase inhibitor	Research on Chemical Intermediates	2135–2166	www.springer.com	https://doi.org/10.1007/s11164-018-03727-7
16	B. Sathya	Invivo, molecular docking, spectroscopy studies of (S)-2,3-Dihydro-5,7-dihydroxy-2(3-hydroxy-4-methoxyphenyl)-4H-1-benzopyran-4-one: A potential uptake PI3/AKT inhibitor	Biocatalysis and Agricultural Biotechnology	https://doi.org/10.1016/j.bcab.2019.101086	www.elsevier.com/locate/bab	https://doi.org/10.1016/j.bcab.2019.101086



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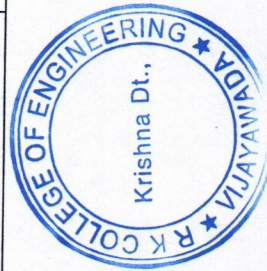
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3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the 2017-2018

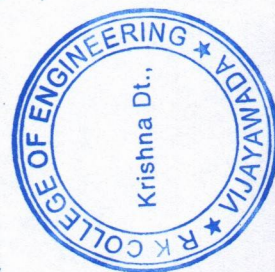
S N	Name of the Faculty/ author	Title of paper	Name of journal	ISSN/ISBN number	Link to website of the Journal	Link to article / paper / abstract of the article
ACADEMIC YEAR 2017-18						
1	Sujatha Rani.R	Teaching English Language to the students from Rural Areas: Circumstances and Solutions in Andhra Pradesh	Circumstances and solutions in Andhra Pradesh:RJOE Oray Publication	2456-5696	www.rjoe.org.in	https://www.rkce.ac.in/files/ugd/938944_123e3f29615c46878a6b84833a881798.pdf
2	Nune.Dhanunjaya Rao	Managing Stress at Work Place	International Journal of Enhanced Research in Management & Computer Applications	2319-7471	https://www.erpublications.com	https://www.erpublications.com/uploaded_files/download/nune-dhanunjaya-rao-k-dasaradhi_qcVJM.pdf



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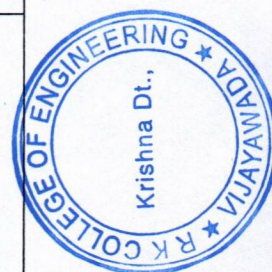
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3	Gurram Narendra Santosh	An Ergonomical condition's of Pedestrians on Accelerating Moving Walkway: A People Mover System.	Journal of Information Science & Engineering	1376-1381.	https://www.researchgate.net/	https://www.researchgate.net/publication/329888339_An_ergonomical_condition's_of_pedestrians_on_accelerating_moving_walkway_A_people_mover_system
4	B V Rajanna	Grid Connected Inverter for Current Control by Using Antilisting Technique	IJPEDS	2088-8694	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/12669	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/12669
5	Shaik Mymunnisha, Kolla Sankar, Chinda Jyothirmayi	Role of ERP in Management	International Journal of Enhanced Research in Management & Computer Applications	2319-7471	https://www.erppublications.com/International-Journal-of-Enhanced-Research-in-Management-and-Computer-Applications-IJERMCA-Impact-Factor-7751-2-dtl.htm	https://www.erppublications.com/uploaded_files/download/shaik-mymunnisha-kolla-sankar-chinda-jyothirmayi-hlzjw.pdf
6	Nune.Dhanunjaya Rao ,	NEED OF HUMAN RESOURCES IN PRODUCTION	AGU International Journal of Research in Social Sciences & Humanities	2455-6084	https://portal.issn.org/resource/ISSN/2455-1554	https://web.archive.org/web/20180410032107id/hhttp://aguirssh.com/images/shortpdf/15089480403128_Humanities.pdf



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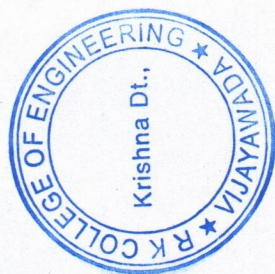
7	B. Sathya	Investigation on the Binding Interaction Between Clomipramine and Doxepin with LeuT by Molecular Docking Analysis	Asian J. Research Chem	0974-4169	www.airc.online.in	https://www.rkce.ac.in/files/ugd/938944_123e3f29615c46878a6b84833a881798.pdf
8	Sathya B,	Intermolecular interactions of zapizolam molecule with gaba receptor: A molecular docking and quantum chemical calculations	International Journal of Chemical and Pharmaceutical Sciences	0976-9390	www.ijcps.com	http://www.ijcps.com/files/vol8issue2/4.pdf
9	Sathya B	Molecular docking studies of chlorthalidone and Indapamide on Angiotensin-II	International Journal of Chemical and Pharmaceutical Sciences	0976-9390	www.ijcps.com	https://www.rkce.ac.in/files/ugd/938944_123e3f29615c46878a6b84833a881798.pdf
10	V. Murali Krishna	Dy3b ions doped oxy-fluoro boro tellurite glasses for the prospective optoelectronic device applications	Journal of Alloys and Compounds	0925-8388	http://www.elsevier.com/locate/jalcom	https://doi.org/10.1016/j.jallcom.2018.05.191
11	Dr.K.Rama Krishniah	Current loop controller for Three-Phase Power Converter Connected to a Distribution System	International Journal of Applied Sciences, Engineering and Management	ISSN 2320 – 3439	https://ieeexplore.ieee.org/abstract/document/6172669	http://ijmtjournal.org/archive/ijmtt-v67i12p501
12	Dr.K.Rama krishniah	Security Evaluation of Pattern Classifiers under Attack	International Journal of Applied Sciences, Engineering and Management	2320-3439	https://ieeexplore.ieee.org/abstract/document/6494573	https://ieeexplore.ieee.org/abstract/document/6494573



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13	Dr. K. Rama Krishniah	Privacy-Preserving and Truthful Detection of Packet Dropping Attacks in Wireless Ad Hoc Networks	International Journal of Advances in Arts, Sciences and Engineering	2320-6144	https://ieeexplore iee.org/abstract /document/6834 783	https://ieeexpl ore.ieee.org/ab stract/docume nt/6834783
14	Hanumat Prasad. Alahari,	Performance Analysis of Application Protocols in Internet of Things	IJDCST @ Dec-2017, Issue- V-5, I-8, SW-40	ISSN-2320- 7884 (Online) ISSN-2321- 0257 (Print)	https://ieeexplore iee.org/abstract /document/8588 277	https://ieeexpl ore.ieee.org/ab stract/docume nt/8588277



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