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Gat No. 309/310, off Mumbai Pune Expressway Kusgaon (Bk), Lonavala Pune – 410401  
website: sit.sinhgad.edu

3.3.2 Tabulated list of research papers published in Journals notified on UGC website

Sl. No.	Id No	Name of faculty author	Name of other contributors/guide	Title of paper	Name of journal	Volume	Publication Date	Year of publication	Is it listed in UGC Care list/Scopus/ Web of Science/other, mention	Link to article/paper/abstract of the article
1	673969415361	Dr. Babar Sachin Dilip	Parikshit N. Mahalle	A hash key-based key management mechanism for cluster-based wireless sensor network	Journal of Cyber Security	ISSN: 2245-1439, Vol: 5 Issue: 2	1/4/2016	2016-17	UGC Approved	<a href="https://www.riverpublishers.com/journal_read_html_article.php?j=JCSM/5/2/4">https://www.riverpublishers.com/journal_read_html_article.php?j=JCSM/5/2/4</a>

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2	959540961938	Mr. Nalavade Jagannath Eknath	Dr. T. Senthil Murugan	HR Neuro-Fuzzy:Adapting Neuro fuzzy classifier for recurring concept drift of evolving data streams using rough set theory and holoentropy	Journal of King Saud University-Computer and Information Sciences	S1319-1578(16)30113-6 DOI: http://dx.doi.org/10.1016/j.jksuci.2016.11.005	11/13/2016	2016-17	UGC Approved	<a href="https://www.researchgate.net/publication/310661437_HRNeuro-Fuzzy_Adapting_Neuro-Fuzzy_Classifier_for_Recurring_Concept_drift_of_Evolving_Data_Streams_Using_Rough_Set_Theory_and_Holoentropy">https://www.researchgate.net/publication/310661437_HRNeuro-Fuzzy_Adapting_Neuro-Fuzzy_Classifier_for_Recurring_Concept_drift_of_Evolving_Data_Streams_Using_Rough_Set_Theory_and_Holoentropy</a>

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3	959540961938	Mr. Nalavade Jagannath Eknath	Dr. T. Senthil Murugan	HR-Fuzzy:holoentropy enabled rough fuzzy classifier for evolving data streams	Journal of Knowledge-based and intelligent engineering systems, vol. 20, no. 4, pp. 205-215, 2016	ISSN: 1327-2314 vol. 20, Issue. 4	11/14/2016	2016-17	UGC Approved	<a href="https://content.iospress.com/articles/international-journal-of-knowledge-based-and-intelligent-engineering-systems/kes348">https://content.iospress.com/articles/international-journal-of-knowledge-based-and-intelligent-engineering-systems/kes348</a>

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4	598604506478	Mr. Waykar Sanjay Bajaba	Dr. C. R. Bharathi	Multimodal Features and Probability Extended Nearest Neighbor Classification for ContentBased Lecture Video Retrieval	Journal of Intelligent Systems	DOI 10.1515/jisy-2016-0041, Vol. 26 Issue 3	9/15/2016	2016-17	UGC Approved	<a href="https://www.researchgate.net/publication/308185894_Multimodal_Features_and_Probability_Extended_Nearest_Neighbor_Classification_for_Content-Based_Lecture_Video_Retrieval">https://www.researchgate.net/publication/308185894_Multimodal_Features_and_Probability_Extended_Nearest_Neighbor_Classification_for_Content-Based_Lecture_Video_Retrieval</a>

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5	833124585482	Mr. Karlekar Nandkishore Padmakarrao	N. Gomathi	Kronecker Product and Bat Algorithm Based Coefficient Generation for Privacy Protection on Cloud	International Journal of Modeling Simulation and Scientific Computing	DOI: 10.1142/S1793962317500210, Vol. 8, No. 3 (2017) 1750021	12/23/2016	2016-17	UGC Approved	<a href="https://www.researchgate.net/publication/310815495_Kronecker_Product_and_Bat_Algorithm_Based_Coefficient_Generation_for_Privacy_Protection_on_Cloud">https://www.researchgate.net/publication/310815495_Kronecker_Product_and_Bat_Algorithm_Based_Coefficient_Generation_for_Privacy_Protection_on_Cloud</a>

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6	665133483940	Dr. Chaudhary Dilip Damodar	Sudarshan Vitthal Gite	Smart Electric Meter Reading and Monitoring	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	ISSN (Online): 2278 – 8875, Vol. 5, Issue 12	1/12/2016	2016-17	other	<a href="http://www.ijareeie.com/upload/2016/december/48_Automatic.pdf">http://www.ijareeie.com/upload/2016/december/48_Automatic.pdf</a>

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7	811480626098	Mr. Gholap Sharad Balasaheb	Dr. R. V. Kshirsagar, Mr. Amrut Manohar Nadgouda	Spectrum Sensing Technique with FPGA Implementation Using System Generator	International Journal of Innovative Research in Science, Engineering and Technology	ISSN(Online) : 2319-8753 ISSN (Print) : 2347-6710	1/3/2016	2016-17	other	<a href="http://www.ijirset.com/upload/2016/march/177_AMRUT%20PAPER.pdf">http://www.ijirset.com/upload/2016/march/177_AMRUT%20PAPER.pdf</a>

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8	811480626098	Mr. Gholap Sharad Balasaheb	Dr. R.V. Kshirsagar, Mr. Amrut Manohar Nadgouda	System Generator: FPGA Design Tool for DSP Applications	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	ISSN(Online) : 2278-8875, Vol. 5, Issue 3	1/3/2016	2016-17	Yes	<a href="https://www.ijareeie.com/upload/2016/march/140_Amrut%20VLSI%20Implementation%20Paper%202.pdf">https://www.ijareeie.com/upload/2016/march/140_Amrut%20VLSI%20Implementation%20Paper%202.pdf</a>

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9	979098164807	Mr. Latane Pravin Chandrakant	Punit C. Urolgin	Fault Detection in Electric Motors Using Vibration Analysis and	International Journal of Innovative Research in Science,	ISSN(Online): 2319-8753, Vol. 5, Issue 6	6/1/2016	2016-17	other	<a href="http://www.ijirset.com/upload/2016/june/272_Punit%20Main%20Paper.pdf">http://www.ijirset.com/upload/2016/june/272_Punit%20Main%20Paper.pdf</a>

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10	659453280929	Mr. Babar Rajendra Vithal	Chaitanya Bapat, M. S. Gaikwad	Grocery Inventory Automation Using Internet of Things and BLE Network	International Journal of Innovative research in Science, Engineering and technology	ISSN(Print): 2347-6710, Vol. 5, Issue 7	7/1/2016	2016-17	other	<a href="http://www.ijirset.com/upload/2016/july/211_Chaitanya.pdf">http://www.ijirset.com/upload/2016/july/211_Chaitanya.pdf</a>

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11	659453280929	Mr. Babar Rajendra Vithal	Shital B. Pawar	Beacon Initiated Reconfigurable SDR controller on FPGA for high speed communication system	International Journal of Innovative research in Science, Engineering and technology	ISSN(Online ): 2319-8753 ISSN (Print): 2347-6710 Vol. 5, Issue 6	1/6/2016	2016-17	other	<a href="http://www.ijirset.com/upload/2016/june/311_Shital%201.pdf">http://www.ijirset.com/upload/2016/june/311_Shital%201.pdf</a>

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12	466877927131	Ms. Baste Vaishali Sandeep	Mrs.D.K.Shende, Mrs. S.K.More, Amol More	FPGA Based Data Acquisition System	International Journal of Engineering Science Invention Research & Development	e-ISSN: 2349-6185, Vol. III, Issue IV	10/1/2016	2016-17	other	<a href="https://ijesird.com/1_october_4_2016.PDF">https://ijesird.com/1_october_4_2016.PDF</a>

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13	367527723240	Dr. Kamble Avinash Gulabrao	R. Venkata Rao	Effects of process parameters and thermo-mechanical simulation of gas metal arc welding process	International Journal of Modelling and Simulation	<a href="https://doi.org/10.1080/02286203.2016.1188343">https://doi.org/10.1080/02286203.2016.1188343</a>	5/31/2016	2016-17	Yes	<a href="https://www.tandfonline.com/doi/abs/10.1080/02286203.2016.1188343">https://www.tandfonline.com/doi/abs/10.1080/02286203.2016.1188343</a>

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14	457634158800	Dr. Kalage Amol Appaso	Nitin D. Ghawghawe	Optimum coordination of directional overcurrent relays using modified adaptive teaching learning based optimization algorithm	Intelligent Industrial Systems 2	DOI 10.1007/s40903-016-0038-9	5/3/2016	2016-17	Yes	<a href="https://link.springer.com/content/pdf/10.1007/s40903-016-0038-9.pdf">https://link.springer.com/content/pdf/10.1007/s40903-016-0038-9.pdf</a>

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