



Sinhgad Institutes

SINHGAD TECHNICAL EDUCATION SOCIETY'S  
SINHGAD INSTITUTE OF TECHNOLOGY

(Affiliated to Savitribai Phule Pune University, Pune & Approved by AICTE)  
Gat No. 309/310, off Mumbai Pune Expressway Kusgaon (Bk), Lonavala Pune – 410401  
website: sit.sinhgad.edu

Handwritten notes and stamps in purple ink, including "SINHGAD INSTITUTE OF TECHNOLOGY" and "SINHGAD INSTITUTE OF TECHNOLOGY".

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 contributor s/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	Department of the teacher	Link to article/paper/abstract of the article
1	780657551986	Mr. Nimbekar Shrikrishana Bhanudas	Dr Govind Kharat, Dr Veerendra Dakulagi	Design and Implementation of Web-based Intelligent System for Agriculture	IOSR Journal of Engineering (IOSR JEN)	ISSN (e): 2250-3021, ISSN (p): 2278-8719, Vol.3, Issue 1	1/3/2019	2019-20	UGC Approved	Computer Engineering	<a href="http://iosrjen.org/Papers/Conf.19014-2019/Volume3/1.%2001-04.pdf">http://iosrjen.org/Papers/Conf.19014-2019/Volume3/1.%2001-04.pdf</a>
2	590272258864	Dr. Chaudhari Manohar Santosh	Pavlina Koleva, Vladimir Poulkov, Vivek Deshpande	Performance analysis of AODV with sectoring in resource constrained ad hoc communication network	Wireless personal communication Springer Journal	<a href="https://doi.org/10.1007/s11277-019-06342-w">https://doi.org/10.1007/s11277-019-06342-w</a> , Vol. 118 Issue 3	4/4/2019	2019-20	UGC Approved	Computer Engineering	<a href="https://link.springer.com/article/10.1007/s11277-019-06342-w">https://link.springer.com/article/10.1007/s11277-019-06342-w</a>

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3	598604506478	Dr. Waykar Sanjay Bajaba	Dr. C. R. Bharathi	Intent Aware Optimization for Content-Based Lecture Video Retrieval Using Grey Wolf Optimizer	Journal of Global science	ISSN: 123-141, Vol. 7 No. (3)	7/8/2019	2019-20	UGC Approved	Computer Engineering	<a href="https://kuwaitjournals.org/jer/index.php/JER/article/view/3463">https://kuwaitjournals.org/jer/index.php/JER/article/view/3463</a>

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4	673969415361	Dr. Babar Sachin Dilip	Chandrakan t D. Kokane	Supervised Word Sense Disambiguati on with Recurrent Neural Network Model.	International Journal of Engineering and Advanced Technology (IJEAT)	ISSN: 2249-8958 (Online), Volume-9 Issue-2	2/12/2019	2019-20	Scopus indexed	Computer Engineering	<a href="https://www.ijeat.org/wp-content/uploads/papers/v9i2/B3391129219.pdf">https://www.ijeat.org/wp-content/uploads/papers/v9i2/B3391129219.pdf</a>
5	598604506478	Dr. Waykar Sanjay Bajaba	Dr.C.R. Bharathi	Adaptive Grey Wolf Optimizer for Content-based	Jour of Adv Research in Dynamical & Control Systems	ISSN: 1943-023X, Vol. 11, No. 6	2/11/2019	2019-20	UGC Approved	Computer Engineering	<a href="https://www.jardcs.org/abstract.php?id=1757">https://www.jardcs.org/abstract.php?id=1757</a>

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6	720043034507	Ms. Shende Dipali Kedar	S. S. Jagtap, M. B. Kanade, R. A. Karande	IOT Based Energy Meter Billing and Monitoring System	IJSRD - International Journal for Scientific Research & Development	ISSN: 2321- 0613, Vol. 7, Issue 03	1/6/2019	2019-20	other	Electronics Engineering	<a href="http://ijsrd.com/Article.php?manuscript=IJSRDV7I30622">http://ijsrd.com/Article.php?manuscript=IJSRDV7I30622</a>
7	466877927131	Ms. Baste Vaishali Sandeep	Ms. Shubhangi Sonawane	Implementati on of RS-CC Encoder & Decoder using MATLAB	IJSTE - International Journal of Science Technology & Engineering	ISSN (online)- 2349- 784x, Volume 5, Issue 7	1/1/2019	2019-20	other	Electronics Engineering	<a href="https://www.ijste.org/articles/IJSTEVS17004.pdf">https://www.ijste.org/articles/IJSTEVS17004.pdf</a>

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8	720043034507	Ms. Shende Dipali Kedar	Ganesh Kalyankar	Nirbhaya'with U-A Women's Safety Device	International Journal of Scientific Research and Engineering Development	ISSN : 2581-7175 Volume X Issue X	1/2/2019	2019-20	UGC Care	Electronics Engineering	<a href="http://www.ijared.com/volume2/issue3/IJSRED-V2I3P47.pdf">http://www.ijared.com/volume2/issue3/IJSRED-V2I3P47.pdf</a>

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9	720043034507	Ms. Shende Dipali Kedar	Mr. Sidheshwar Madrewar, Mr. Shivam Bhongade, Mr. Shivam Dugade	Dementia Patient Activity Monitoring and Fall Detection using IOT for Elderly	International Journal of Trend in Scientific Research and Development (IJTSRD)	ISSN: 2456 – 6470, Volume: 3, Issue: 4	4/6/2019	2019-20	UGC Care	Electronics Engineering	<a href="https://www.ijtsrd.com/engineering/electronics-and-communication-engineering/23656/dementia-patient-activity-monitoring-and-fall-detection-using-iot-for-elderly/prof-deepali-k-shende">https://www.ijtsrd.com/engineering/electronics-and-communication-engineering/23656/dementia-patient-activity-monitoring-and-fall-detection-using-iot-for-elderly/prof-deepali-k-shende</a>

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10	543885902850	Mr. Jadhav Manoj Sarjerao	Dr. Manik S Gaikwad	Implementation and Applications of CORDIC Algorithm in Satellite Communication	International Journal of Innovative Research in Science, Engineering and Technology	ISSN (Online) : 2321-0613, Vol. 7, Issue 04	1/7/2019	2019-20	Scopus	Electronics Engineering	<a href="http://ijsrd.com/Article.php?manuscript=IJSRDV7I41031">http://ijsrd.com/Article.php?manuscript=IJSRDV7I41031</a>
11	761407133535	Ms. Rajeshwarkar Vijaya Gopalrao	Shekhar M. Jagade, P. Chandrashekar Reddy, Tanuja S. Dhope	Regulations and Standards for TV White Space	Helix-The scientific explorer	ISSN: 2319-5592; P-ISSN: 2277-3495, Vol. 9 (3)	6/30/2019	2019-20	UGC APPROVED	Electronics Engineering	<a href="https://www.researchgate.net/publication/334298662_Regulations_and_Standards_for_TV">https://www.researchgate.net/publication/334298662_Regulations_and_Standards_for_TV</a>

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12	761407133535	Ms. Rajeshwarkar Vijaya Gopalrao	Shekhar M. Jagade, P. Chandrashekar Reddy, Tanuja S. Dhope	CCIRGTN-Coexistence Channel Interference Reduction Using Game Assumptions In Television White Space Network	Helix-The scientific explorer	ISSN: 2319-5592; P-ISSN: 2277-3495, Vol. 9 (3)	6/30/2019	2019-20	UGC APPROVED	Electronics Engineering	<a href="https://www.researchgate.net/publication/334294725_CCIRGTN-Coexistence_Channel_Interference_Reduction_Using_Game_Assumptions_in_Television">https://www.researchgate.net/publication/334294725_CCIRGTN-Coexistence_Channel_Interference_Reduction_Using_Game_Assumptions_in_Television</a>

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13	979098164807	Mr. Latane Pravin Chandrakant	Mr.kunal S.Pawar	Advanced Online Examination using Raspberry Pi based on IOT	JETIR	ISSN (online): 2321-0613, Vol. 7, Issue 03	1/6/2019	2019-20	other	Electronics Engineering	<a href="http://ijsrd.com/Article.php?manuscript=IJSRDV7I30282">http://ijsrd.com/Article.php?manuscript=IJSRDV7I30282</a>
14	659453280929	Dr. Babar Rajendra Vithal	Chetali M. Shinde	Design of Iris Recognition Biometric System	International Journal of Research in Engineering, Science and Management, Vol.2, Issue 6,	ISSN(O):2581-5792, Volume-2, Issue-6	1/6/2019	2019-20	UGC APPROVED	Electronics Engineering	<a href="https://www.ijresm.com/Vol.2_2019/Vol2_Iss6_June19/IJRESM_V2_I6_113.pdf">https://www.ijresm.com/Vol.2_2019/Vol2_Iss6_June19/IJRESM_V2_I6_113.pdf</a>

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15	413508614049	Dr. Lokhande Prasad Eknath	Umesh S. Chavan & Abhishek Pandey	Materials and fabrication methods for electrochemical supercapacitor: Overview	Electrochemical Energy Reviews	ISSN: 2520-8136, Vol.3, Issue 1	12/4/2019	2019-20	Web of Science/Scopus	Mechanical Engineering	<a href="https://link.springer.com/article/10.1007/s41918-019-00057-z">https://link.springer.com/article/10.1007/s41918-019-00057-z</a>

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16	413508614049	Dr. Lokhande Prasad Eknath	Umesh S. Chavan	Surfactant assisted cabbage rose-like CuO deposition on Cu foam by for supercapacitor applications	Inorganic and Nano-Metal Chemistry	ISSN: 2470-1564, Vol.48, Issue 9	2/14/2019	2019-20	Web of Science/Scopus	Mechanical Engineering	<a href="https://www.tandfonline.com/doi/abs/10.1080/24701556.2019.1569685">https://www.tandfonline.com/doi/abs/10.1080/24701556.2019.1569685</a>

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17	558604861118	Dr. Waghmare Mangesh Ananta	N. I. Beedri, A. U. Ubale and H. M. Pathan	Fabrication and Characterization of Rose Bengal Sensitized Binary TiO <sub>2</sub> -ZrO <sub>2</sub> Oxides Photo-electrode Based Dye-sensitized Solar Cell	Engineered Science	ISSN: 2576-988X, ISSN: 2576-9898 (Online Version), Vol. 6	1/7/2019	2019-20	Yes	Engineering Sciences	<a href="https://www.espublisher.com/journals/articledetails/52/">https://www.espublisher.com/journals/articledetails/52/</a>

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18	558604861118	Dr. Waghmare Mangesh Ananta	N. I. Beedri, P. K. Baviskar, H. M. Pathan and A. U. Ubale	Effect of ZrO <sub>2</sub> Barrier Layers on the Photovoltaic Parameters of Rose Bengal Dye-sensitized TiO <sub>2</sub> Solar Cell	Journal of Materials Science: Materials in Electronics	ISSN: 1573-482X, DOI: <a href="http://dx.doi.org/10.1007/s10854-019-00901-4">http://dx.doi.org/10.1007/s10854-019-00901-4</a>	2/18/2019	2019-20	Yes	Engineering Sciences	<a href="https://link.springer.com/article/10.1007/s10854-019-00901-4">https://link.springer.com/article/10.1007/s10854-019-00901-4</a>

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