

**Aditya College of Engineering & Technology**  
**Papers published by Faculty in Journals/Conferences**  
**Publications: 2019-20**

International Journals (With Impact Factor)	<b>4</b>
International Journals (Scopus)	<b>42</b>
Scopus Indexed International Conferences	<b>34</b>
International Conferences	<b>9</b>
International Journals (UGC)	<b>13</b>
National Conferences	<b>5</b>
Total	<b>107</b>

**International Journals (With Impact Factor)**

1. **Dr. V. Raghavendra**, Effect of Zn – Cr Substitution on the Structural, Magnetic and Electrical Properties of Magnesium Ferrite Materials”, published in the Physica B: Condensed Matter, Volume, 572, PP-139-147, 2019

[IF-2.436, SJR 0.485 HINDEXTM 113]

<https://www.sciencedirect.com/journal/physica-b-condensed-matter/vol/572/suppl/C>

2. Tulu Wegayehu Mammo, N. Murali, Ch Vijaya Kumari, S.J. Margarete, A. Ramakrishna, Raghavendra Vemuri, Y.B. Shankar Rao, K.L. Vijaya Prasad, Y. Ramakrishna, K. Samatha, Synthesis, structural, dielectric and magnetic properties of cobalt ferrite nanomaterial prepared by sol-gel autocombustion technique, Physica B: Condensed Matter, Volume 581, 2020.

[IF-2.436 SJR 0.485 HINDEXTM 113]

<https://www.sciencedirect.com/science/article/pii/S0921452619306684>

3. Kishore. D, Ch.Srinivasa Rao,"A Multi-class SVM Based Content Based Image Retrieval System Using Hybrid Optimization Techniques"International Information and Engineering Technology Association, Traitement du Signal, Vol. 37,No 2, April 2020, pp. 217-226.

[IF2.589 SJR 0.279 HINDEXTM 11]

<https://www.iieta.org/journals/ts/paper/10.18280/ts.370207>

4. **M.Murugan**, "Enhancing productivity of V-trough solar water heater incorporated flat plate wick type solar water distillation system", Journal of Heat Transfer, ASME publications. IF: 1.767

[IF 1.767 SJR-0.72 HINDEXT-126]

<https://asmedigitalcollection.asme.org/heattransfer/article-abstract/143/3/032001/1089629/Enhancing-Productivity-of-V-Trough-Solar-Water?redirectedFrom=fulltext>

### International Journals (Scopus)

1. **Gangadhara Rao P**, Mechanical and Dry Sliding Wear Behaviour of Al6061/Gr MMCs and its Multi Response Optimization using Hybrid Fuzzy Grey Relational Technique; International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2, December 2019.

[ SJR-0.102 HINDEXT-40]

<https://www.ijitee.org/wp-content/uploads/papers/v9i2/B7664129219.pdf>

2. **M.Murugan**, "Influence of corrugated booster reflectors in a centrally finned twist inserted solar thermal collector on heat transfer and thermal performance characteristics", Journal of Heat Transfer, ASME publications with impact factor 1.767, (2019), Vol.141(6), pp. 062001-9

[ SJR-0.41 HINDEXT-30]

<https://asmedigitalcollection.asme.org/heattransfer/article-abstract/141/6/062001/727100/Influence-of-Corrugated-Booster-Reflectors-in-a?redirectedFrom=fulltext>

3. S.J.Margarette, A.Venkateswara Rao, **Raghavendra Vemuri**, N.Murali, Y.Rama Krishna, V.Veeraiah, M.Indira Devi, Synthesis, Structural and Magnetic properties of SrFe<sub>12</sub>O<sub>19</sub> Hexaferrites, International Journal of Scientific & Technology Research, Vol 8, Issue 12, Dec 2019.

[ HINDEXT-18]

<http://www.ijstr.org/final-print/dec2019/Synthesis-Structural-And-Magnetic-Properties-Of-Srfe12o19-Hexaferrites.pdf>

4. **G.B.Chandra Mouli**, Kotha Gangadhar, B.Hema Sundar Raju, On spectral relaxation approach for soret and dufour effects on Sutterby fluid past a stretching sheet, International Journal of Ambient Energy, ISSN 0143-0750, Taylor and Francis.(Aug 2019)

[ SJR-0.45 HINDEX-27]

<https://www.tandfonline.com/doi/abs/10.1080/01430750.2019.1653976?journalCode=taen20>

5. Stanley Ebenezer Nitla , S V V S Narayana P ,Angajala ramakrishna, Chodiseti Naga Sandeep “Mechanical and microstructural characterization nickel electroplated 4 metal matrix composites”, Materials Today: Proceedings, 12338, Model 5G 22 February 2020

[ SJR-0.34 HINDEX-47]

[https://www.researchgate.net/publication/339634608\\_Mechanical\\_and\\_microstructural\\_characterization\\_nickel\\_electroplated\\_metal\\_matrix\\_composites](https://www.researchgate.net/publication/339634608_Mechanical_and_microstructural_characterization_nickel_electroplated_metal_matrix_composites)

6. K. Ravindra and K. Prasad, “Optimal Conductor selection and Capacitor Placement for Cost minimization in Distribution Systems ,” *Int. J. Adv. Sci. Res. Manag.*, vol. Special Is, no. 3, 2019.

[http://ijasrm.com/wp-content/uploads/2019/02/IJASRM\\_CIATES\\_V4S1\\_1160\\_11\\_15.pdf](http://ijasrm.com/wp-content/uploads/2019/02/IJASRM_CIATES_V4S1_1160_11_15.pdf)

7. **K.Varalakshmi**, R.L.Narasimham, G.Tulasiramdas, Digitalized Synchronization of multi level STATCOM with Switch fault elimination, International Journal of Recent Technology and Engineering(IJRTE), ISSN:2277-3878, Vol8, Issue 4, November 2019

[HINDEX-20]

<https://www.semanticscholar.org/paper/Digitalized-Synchronization-of-Multi-level-STATCOM-Varalakshmi-Narasimham/8997c058e0c8d0f1755b3a55fd612c3bbcb23d32>

8. **B.Rajani**, G.Seshadri, T.Anil Kumar, V.Chandra Jagan Mohan,PI and Fuzzy Controller Utilizing PV-HESS based Zeta Converter for BLDC Motor Drive, International Journal of Recent Technology and Engineering(IJRTE), ISSN 2277-3878, Volume 8, Issue 5, Jan 2020.

[https://www.researchgate.net/publication/347249903\\_PI\\_and\\_Fuzzy\\_Controller\\_Utilizing\\_P\\_V-HESS\\_Based\\_Zeta\\_Converter\\_for\\_BLDC\\_Motor\\_Drive](https://www.researchgate.net/publication/347249903_PI_and_Fuzzy_Controller_Utilizing_P_V-HESS_Based_Zeta_Converter_for_BLDC_Motor_Drive)

9. Drstanley Adi: Nitla Stanley Ebenezer Experimental Studies on Damping Behaviour of Nickel Electroplated A356.2 Alloy, Materials Today: Proceedings, Elsevier, 2020 (Indexed in Scopus etc) International conference on Advanced Light weight materials & Structures(ICALMS-2K20), 6<sup>th</sup>-7<sup>th</sup>, March 2020, CMR Technical campus, Hyderabad.

<https://doi.org/10.1016/j.matpr.2020.01.388>

10. Nitla Stanley Ebenezer, S V V S Narayana P, Angajala Ramakrishna, Chodiseti Naga Sandeep, Gorthi Siva Vijay, Penke Pragnan Manipal , Thotakura Sri Satya Dhanesh Mechanical and Microstructural Characterization Nickel Electroplated Metal Matrix Composites Materials Today: Proceedings, Elsevier, March 2020 International conference on Advanced Light weight materials & Structures(ICALMS-2K20), 6<sup>th</sup>-7<sup>th</sup>, March 2020, CMR Technical campus, Hyderabad.

[ SJR-0.34 HINDEX-47]

<https://doi.org/10.1016/j.matpr.2020.02.229>

11. **Pramod Kumar\***and Sinha, A.N., 2020. Comparative analysis of pulsed Nd: YAG laser welding of 304L and 904L stainless steel. Materials Today: Proceedings., 836 **Scopus indexed.** (2<sup>nd</sup> International Conference on Processing and Characterization of Materials(ICPM-2019)12-14 Dec 2019

[ SJR-0.34 HINDEX-47]

<https://doi.org/10.1016/j.matpr.2020.02>

12. **Pramod Kumar\***., Kumar, R., Arif, A. and Veerababu, M., 2020. Investigation of numerical modelling of TIG welding of austenitic stainless steel (304L). Materials Today: Proceedings. **Scopus indexed indexed** International conference on Advanced Light weight materials & Structures(ICALMS-2K20)

[ SJR-0.34 HINDEX-47]

<https://doi.org/10.1016/j.matpr.2020.03.544>

13. **Pramod Kumar\***, Kumar, R., Hembram, B.K., Murugan, M., Arif, A. and Veerababu, M., 2020. Study of microstructure and mechanical properties of aluminium alloy (AA-6351-T6) using friction stir welding. Materials Today: Proceedings International conference on Advanced Light weight materials & Structures(ICALMS-2K20), 6<sup>th</sup>7<sup>th</sup>, March 2020, CMR Technical campus, Hyderabad.

[ SJR-0.34 HINDEKX-47]

<https://doi.org/10.1016/j.matpr.2020.03.650>

14. M. Murugan, “Performance and emission characteristics of variable compression ratio CI engine fueled with dual biodiesel blends of Rapeseed and Mahua”, Fuel, Vol. 263, March 2020, pp. 116751.

[ SJR-1.56 HINDEKX-213]

<https://www.sciencedirect.com/science/article/abs/pii/S0016236119321052>

15. M. Murugan, “Study of microstructure and mechanical properties of aluminium alloy (AA-6351-T6) using friction stir welding”, Materials Today: Proceedings, Article in Press, April 2020.

[ SJR-0.34 HINDEKX-47]

<https://www.sciencedirect.com/science/article/pii/S2214785320324329>

16. M. Murugan, “Performance evaluation of square pyramid solar still with various vertical wick materials – An Experimental approach”, Thermal Science and Engineering Progress, Article in Press, May 2020.

[ SJR-1.15 HINDEKX-27]

<https://www.sciencedirect.com/science/article/abs/pii/S2451904920300998>

17. Dr. M. Murugan, “Improving Performance of a Trapezoidal-trough Thermosyphon Solar Collector using Peripherally Wing-cut Swirl Generator”, Published in the International Journal of Green Energy (Taylor & Francis), Sept-2019

[ SJR-0.53 HINDEKX-40]

<https://www.tandfonline.com/doi/abs/10.1080/15435075.2019.1671395>

18. **P.S.V.V.Srihari**, P.S.V.V.S.Narayana, V.Hemanth Kumar, V.S.Surya Prakash, P.Jaikishan, Experimental study on a shell and tube heat exchanger with novel self agitating inserts, Ist

International conference o Manufacturing, Material science and Engineering, Dept Mech Engg,CMR Institute of Technology, Hyderabad.16<sup>th</sup>,17<sup>th</sup>,August 2019.AIP Conference proceedings, Materials Science Today Proceedings

[ SJR-0.34 HINDEX-47]

<https://ui.adsabs.harvard.edu/abs/2019AIPC.2200b0039S/abstract>

19. **P.S.V.V.Srihari**, P.S.V.S.Narayana,K.V.V.S.Sanath Kumar, G.Jaya Raju, K.Naveen, P.Anand, Experimental study on vortex intensification of gravitational water vortex turbine with novel conical basin, Ist International conference o Manufacturing, Material science and Engineering, Dept Mech Engg,CMR Institute of Technology, Hyderabad.16<sup>th</sup>,17<sup>th</sup>,August 2019.AIP Conference proceedings, Materials Science Today Proceedings

[ SJR-0.34 HINDEX-47]

<https://aip.scitation.org/doi/abs/10.1063/1.5141252>

20. **P. S. V. V. Srihari** et al., A Review on Surface Modifications and Coatings on Implants to Prevent Biofilm. Regen. Eng. Transl. Med. (2019). (Springer Nature).

[ SJR-0.58 HINDEX-11]

<https://doi.org/10.1007/s40883-019-00116-3>

21. **P. S. V. V. Srihari** et al., Biofilm Resistant Surfaces and Coatings on Implants: A Review, Materials Today: Proceedings, Volume 18, Part 7, 2019, Pages 4847-4853, ISSN 2214-7853,

[ SJR-0.34 HINDEX-47]

<https://doi.org/10.1016/j.matpr.2019.07.475>

22. **P. S. V. V. Srihari** et al., Experimental study on a shell and tube heat exchanger with novelf self agitating inserts. AIP Conference Proceedings 2200, 020039 (2019);

[ SJR-0.18 HINDEX-75]

<https://doi.org/10.1063/1.5141209> AIP Conference Proceedings

23. **P. S. V. V. Srihari** et al., Influence of slat and flaps arrangement on the performance of modified Darrieus wind turbine. AIP Conference Proceedings 2200, 020012 (2019);

[ SJR-0.18 HINDEX-75]

<https://doi.org/10.1063/1.5141182>

24. **P. S. V. V. Srihari** et al., Thermal performance investigation of MMC heat sinks for low CTE electronic components cooling. AIP Conference Proceedings 2200, 020024 (2019);

[ SJR-0.18 HINDEX-75]

<https://doi.org/10.1063/1.5141194>

25. **P. S. V. V. Srihari** et al., Experimental study on vortex intensification of gravitational water vortex turbine with novel conical basin. AIP Conference Proceedings 2200, 020082 (2019);

[ SJR-0.18 HINDEX-75]

<https://doi.org/10.1063/1.5141252>

26. **P. S. V. V. Srihari** et al., Experimental studies on damping behaviour of nickel electroplated A356.2 alloy, Materials Today: Proceedings, Volume 27, Part 2, 2020, Pages 1038-1044, ISSN2214-7853, <https://doi.org/10.1016/j.matpr.2020.01.388>.

[ SJR-0.34 HINDEX-47]

<http://www.sciencedirect.com/science/article/pii/S2214785320304934>

27. **Karthik, T.S**, Senthamil Selvi S, "Implementation of a Game Based Learning model using Sequence Square Box Technique" International Journal on Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Vol. 08, Issue-03, Published by Blue Eyes Intelligence Engineering and Science., **September 2019**.  
DOI: 10.35940/ijrte. B2491.098319

28. **K.Meenakshi**, Padmavathi Kora, **D.Kishore**, Video watermarking with curvlet transform, International Journal of Innovative Technology and Exploring Engineering(IJITEE), ISSN:2278-3075, VOL 8, issue 7s2, May 2019.

[ SJR-0.102 HINDEX-40]

<https://www.ijitee.org/wp-content/uploads/papers/v8i7s2/G11030587S219.pdf>

29. Chalumuru Suresh, Kolli Kamakhaiah, **Satish Thatavarti**, P.Seravana Kumar, Somula Ramasubbareddy, Accurate and Timely Prediction of Rice crop disease by means of machine learning algorithms, International Journal of Advanced Science and Technology, Vol 28, No.13, (2019) pp 662-671. ISSN 2005-4238.

<http://sersc.org/journals/index.php/IJAST/article/view/1396>.

30. Shaik Vahida, Rayudu Srinivas, Rama Reddy T, Sheik Shabuddin, B. Durga Anuja, Irrigation Made Easy: Block Wise Filling Of Firm Filed Using WSN System, International Journal of Scientific & Technology Research Vol 9, Issue 2, Feb 2020, ISSN 2277-8616.

<http://www.ijstr.org/final-print/feb2020/Irrigation-Made-Easy-Block-Wise-Filling-Of-Farm-Filed-Using-Wsn-System.pdf>

31. Shaik Vahida, Rayudu Srinivas, Rama Reddy T, Sheik Shabuddin, B.Durga Anuja,Chunk by Chunk Irrigation of Farm Field-Through Wireless Sensing Technique,International Journal of Innovative Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075, Volume-9 Issue-3, January 2020.

[ SJR-0.102 HINDEX-40]

<https://www.ijitee.org/wp-content/uploads/papers/v9i3/C9003019320.pdf>

32. Kavitha, K., Lalitha, R.V.S., Suneetha, T.V., Usha Sree, Counterfeiting threats in IoTInternational Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-1, November 2019,pp 2990-92.

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<https://www.ijitee.org/wp-content/uploads/papers/v9i1/A9121119119.pdf>

33. Abhishek Reddy, B., Kavitha, K., Manukonda, A.D., Lalitha, R.V.S., Krishna Rao, N.V., Semi-equalizing load in multi-hop wireless networks, International Journal of Innovative



Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075, Volume-9, Issue-1, November 2019, 3047-3051.

[ SJR-0.102 HINDEX-40]

<http://www.cse.griet.ac.in/pdfs/journals19-20/6.pdf>

34. Mounika, R., Kavitha, K., Lalitha, R.V.S., An effective system to detect fake research , International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-1, November 2019,pp 2971-2975.

<https://www.ijitee.org/wp-content/uploads/papers/v9i1/A9118119119.pdf>

35. Kavitha, K., Lalitha, R.V.S., Lalitha, J.B., Suneetha, T.V., Data offloading for effective rescue operations during fire disaster management, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019,5319-5321.

[ SJR-0.102 HINDEX-40]

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36. Lalitha, R.V.S., Kavitha, K., Krishna Rao, N.V., Rama Mounika, G., Sandhya, V., Smart surveillance with smart doorbell , International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-8, June 2019,pp 1841-44.

[ SJR-0.102 HINDEX-40]

<https://www.ijitee.org/wp-content/uploads/papers/v8i8/H6864068819.pdf>

37. Kovvuri N Bhargavi, G.Jaya Suma “Exploiting Ensemble Learning for Rainfall Prediction using Meta Regressors and Meta Classifiers”, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-3, February 2020.

[ SJR-0.102 HINDEX-40]

<https://zenodo.org/record/5580037#.Yd0N0f7P3IU>

38. G. Naga Satish, Ch. V. Raghavendran, M.D.Sugnana Rao, Ch.Srinivasulu,“House Price Prediction Using Machine Learning”, published in International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8 Issue-9, pp. 717-722, July 2019, ISSN: 2278-3075.

[ SJR-0.102 HINDEX-40]

<https://www.ijitee.org/wp-content/uploads/papers/v8i9/I7849078919.pdf>

39. Karthik T S, Senthamil Selvi S, Implementation of a Game Based Learning Model using Sequence Square Box(SSB) Technique, International Journal of Recent Technology and Engineering(IJRTE), ISSN:2277-3878, Volume 8, Issue 3, Sep 2019

<https://www.ijrte.org/wp-content/uploads/papers/v8i3/B2491078219.pdf>

40. R.AnilKumar,KodatiSatyaPrasad,“ComparativeAnalysisofOFDM,FBMC,UFMC&GFDMfor 5GWirelessCommunications”,*IJAST*,vol.29,no.05,pp.2097-2108,Apr.2020.(Scopus)

<http://sersc.org/journals/index.php/IJAST/article/view/10903>

41. Udara Yedukondalu, V Vijayasri Bolisetty, Udara Srinivasarao,“A FinFET Based Adaptive Filter Design Using Evolutional Algorithm for Noise Suppression”, Published in the International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume – 8(8), June 2019, pp. 1631-1634.

[ SJR-0.102 HINDEX-40]

<https://www.ijitee.org/download/volume-8-issue-8/>

42. E. Jagadeeswara Rao, Durgesh Nandan, R.V. Vijaya Krishna, K. Jayaram Kumar, “A Systematic Journal of Multipliers Accuracy and Performance”, Published in the International Journal of Engineering and Advanced Technology, Volume – 8 (6s), Aug - 2019, PP-965-969

<https://www.ijeat.org/download/volume-8-issue-6s/>

### **International Conferences (Scopus)**

1. B. Lakshmi Sucharitha, Ch. V. Raghavendran, B. Venkata Ramana,“Predicting the cost of pre-owned cars using Classification techniques in Machine Learning”, published in Lecture Notes in Networks and Systems, Advances in Computational Intelligence and Informatics, December, 2019, pp. 253-263

[https://link.springer.com/chapter/10.1007%2F978-981-15-3338-9\\_30](https://link.springer.com/chapter/10.1007%2F978-981-15-3338-9_30)

2. Ch. V. Raghavendran, G. Naga Satish, P. Suresh Varma, "Group Key Management Protocols for Secure Group Communication over Internet of Things", published in Lecture Notes on Data Engineering and Communication Technologies, Emerging Trends in Computing and Expert Technology, November, 2019, pp. 1344-1350,

[https://link.springer.com/chapter/10.1007%2F978-3-030-32150-5\\_136](https://link.springer.com/chapter/10.1007%2F978-3-030-32150-5_136)

3. D Naveena, A S S V Lakshmi, S Reddy Ramesh, Subhransu Padhee, "Analysis of inverter topologies and control schemes in grid connected photovoltaic module", 3<sup>rd</sup>International Conference on Computing and Communication (IC3-2020), 20<sup>th</sup>-21<sup>st</sup>, March 2020, Sikkim Manipal Institute of Technology (SMIT), Sikkim, Published in "Soft Computing Techniques and Applications", Springer.

[https://link.springer.com/chapter/10.1007%2F978-981-15-7394-1\\_12](https://link.springer.com/chapter/10.1007%2F978-981-15-7394-1_12)

4. Ganesh Reddy, K Sai Babu, DVNL Murthy, K Prabharani, Subhransu Padhee, "Design of power conditioning unit for wind energy conversion system using resonant converter", 3<sup>rd</sup>International Conference on Computing and Communication (IC3-2020), 20<sup>th</sup>-21<sup>st</sup>, March 2020, Sikkim Manipal Institute of Technology (SMIT), Sikkim, Published in "Soft Computing Techniques and Applications", Springer.

[https://link.springer.com/chapter/10.1007/978-981-15-7394-1\\_19](https://link.springer.com/chapter/10.1007/978-981-15-7394-1_19)

5. **P.Gangadhara rao**, Microstructural and Mechanical Behaviour of Al6061/Gr/WC Hybrid Metal Matrix Composite, Springer Lecture Notes in Mechanical Engineering, Springer. ISBN 978-981-15-1306-0.

<https://www.springerprofessional.de/en/microstructural-and-mechanical-behaviour-of-al6061-gr-wc-hybrid-/17555506>

6. **N. S. Ebenezer**, C. Ram Prasad, D. J. Johnson and S. Anjaneyulu, "An intellectual fault diagnosis system for vehicular driveline system," IEEE Xplore, 2020, pp. 61-65. doi: 10.1109/ICSTCEE49637.2020.9276770

<https://ieeexplore.ieee.org/document/9276770>

7. Singh, **Akhilesh Kumar**, Giri Vijay Temmanaboina, Prasanth Gummalla, and **Pramod Kumar**. "An Approach for Future-Oriented Framework Design: A Tool for Design Research" In E3S Web of Conferences, vol. 184, pp. 01049. EDP Sciences, 2020

[https://www.e3s-conferences.org/articles/e3sconf/abs/2020/44/e3sconf\\_icmed2020\\_01049/e3sconf\\_icmed2020\\_01049.html](https://www.e3s-conferences.org/articles/e3sconf/abs/2020/44/e3sconf_icmed2020_01049/e3sconf_icmed2020_01049.html)

8. Pilla Devi Bhavani, V. Preethi, Durgesh Nandan, "Review on Silent Speech Recognition Using EMG Sensors and Voices After Laryngectomy", International Conference on Electronic Systems and Intelligent Computing (ESIC-2020), 2<sup>nd</sup> to 4<sup>th</sup> March 2020 at National Institute of Technology, Arunachal Pradesh, "Lecture Notes in Networks and Systems", Springer

[https://link.springer.com/chapter/10.1007/978-981-15-7031-5\\_22](https://link.springer.com/chapter/10.1007/978-981-15-7031-5_22)

9. DVS Phanindra, Arun Kumar Gudivada, Durgesh Nandan, "Analysis of reversible square using QCA", 2<sup>nd</sup> International Conference on Emerging Trends and Advances in Electrical Engineering and Renewable Energy (ETAEERE-2020), 5<sup>th</sup>-6<sup>th</sup> March 2020 at Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar, Odisha, Published in / "Lecture Notes in Networks and Systems", Springer

[https://link.springer.com/chapter/10.1007/978-981-15-7511-2\\_24](https://link.springer.com/chapter/10.1007/978-981-15-7511-2_24)

10. K. Vineela Bhanu, A. Arun Kumar Gudivada, Durgesh Nandan, "Analysis of various multipliers in quantum cellular automata", 2<sup>nd</sup> International Conference on Emerging Trends and Advances in Electrical Engineering and Renewable Energy (ETAEERE-2020), 5<sup>th</sup>-6<sup>th</sup> March 2020 at Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar, Odisha, Published in / "Lecture Notes in Networks and Systems", Springer,

<https://www.springerprofessional.de/en/analysis-of-various-multipliers-in-quantum-cellular-automata/18730410>

11. M. Achyuth Ram, Kapula Kalyani, Durgesh Nandan, "A review on finding optimum paths with genetic and annealing algorithms", 2<sup>nd</sup> International Conference on Emerging Trends and Advances in Electrical Engineering and Renewable Energy (ETAEERE-2020), 5<sup>th</sup>-6<sup>th</sup> March 2020 at Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar, Odisha, "Lecture Notes in Networks and Systems", Springer

[https://link.springer.com/chapter/10.1007/978-981-15-8685-9\\_2](https://link.springer.com/chapter/10.1007/978-981-15-8685-9_2)

12. Ashok kumar kona, Anil Kumar, Sanjeev Kumar, Wireless powered uplink of NOMA using Poissons cluster process with two orthogonal signal sets", 2<sup>nd</sup> International Conference on Advances in Computing and Communication Technology (ICCC-2020), 16<sup>th</sup>-17<sup>th</sup> December, 2019 at CMR College of Engineering & Technology, Hyderabad

[https://link.springer.com/chapter/10.1007/978-981-15-7961-5\\_102](https://link.springer.com/chapter/10.1007/978-981-15-7961-5_102)

13. S.K.H.M.Siddiqua, K. Apoorva, Sanjeev Kumar, “Documentation on smart home monitoring using Internet of Things”, 2<sup>nd</sup> International Conference on Advances in Computing and Communication Technology (ICCCE-2020), 16<sup>th</sup>-17<sup>th</sup> December, 2019 at CMR College of Engineering & Technology, Hyderabad

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Predicting type of lung cancer by using k-mlr algorithm(Conference Paper)

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