

Aditya College of Engineering, Surampalem
Papers published/presented by Faculty in Journals/Conferences
Publications:2019-20

International Journals (SCI/WoS/Scopus)	41
International Journals (UGC Approved)	14
National Journals	-
International Conferences(Scopus/WoS)	02
International Conferences	04
National Conferences	05
Patents	02
Total	68

International Journals (SCI/WoS/Scopus)

1. **A.Ramesh, K.V.S.R.Murthy, B.V.S.S.S.Gopal,**” Simulation and Prototype Implementation of Hybrid H-bridge MLI with Minimum Switches” ,pp 845-851, Volume-8, Issue-6S2, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, August 2019
<https://www.ijeat.org/wp-content/uploads/papers/v8i6S2/F12100886S219.pdf>
2. Ch. Narendra Kumar, Rajesh Reddy. Duvvuru, Raja Reddy. Duvvuru3, A.V. Sudhakara Reddy, **K. Manoz Kumar Reddy**, “HISTOGRAM PATTERN AND KALMAN FILTER APPROACH BASED REAL TIME OBJECT RECOGNITION AND TRACKING SYSTEM”, pp 1282-1289, VOL 7, ISSUE 6, 2020, JOURNAL OF CRITICAL REVIEWS ISSN- 2394-5125.
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3. **K. Manoz Kumar Reddy**, A. Kailasa Rao, R. Srinivasa Rao, Critical Line based Optimal Allocation of UPFC to improve Voltage Stability of the system, pp 1253-1259, Volume-8 Issue-6, March 2020, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878.
<https://www.ijrte.org/wp-content/uploads/papers/v8i6/F7617038620.pdf>

4. **Manam Ravindra**, Rayapudi Srinivasa Rao and Vonteddu Shanmukha NagaRaju,” A Binary Harmony Search Algorithm Approach for Security Constrained Allocation of PMUs to Obtain Complete Observability” pp 25-35, , Intelligent Communication, Control and Devices, Advances in Intelligent Systems and Computing 989, ISBN978-981-13-8618-3.
https://link.springer.com/chapter/10.1007%2F978-981-13-8618-3_4
5. V. Srinivasa Rao, R. Srinivasa Rao, **M. Ravindra**,” Optimal Allocation of UPFC and IPFC in Network Considering Sensitivity of Line Flows under Single Line Contingency”, Volume-8 Issue-5, January 2020, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878
<https://www.ijrte.org/wp-content/uploads/papers/v8i5/E6470018520.pdf>
6. S. Ravindra, U. **P. Kumar Chaturvedula**, **M. Ravindra**, Power Congestion Control Considering UPFC to Enhance Voltage Stability of the System, pp 2257-2263, Volume-9 Issue-3, February, 2020, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958
<https://www.ijeat.org/wp-content/uploads/papers/v9i3/C5802029320.pdf>
7. T. Veerraju, GSN Murthy, T. Satya Kumari, V. Anantha Lakshmi, A Novel Perspective for Organizing the Conflicting Security Tasks in a Dynamically Distributed Systems Environment, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-3, page no: 3652 to 3657 January 2020,
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8. T. Satya Kumari, V GSN Murthy, T. Veerraju, V. Anantha Lakshmi, A Novel Perspective for Organizing the Conflicting Security Tasks in a Dynamically Distributed Systems Environment, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-3, page no: 3652 to 3657 January 2020,
<http://www.ijitee.org/wp-content/uploads/papers/v9i3/C8636019320.pdf>
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10. GSN Murthy, T. Veerraju, T. Satya Kumari, V. Anantha Lakshmi, A Novel Perspective for Organizing the Conflicting Security Tasks in a Dynamically Distributed Systems Environment, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-3, page no: 3652 to 3657 January 2020,
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11. Dr.G.S.N.Murthy, Exploring the API calls for Malware Behavior Detection using Concordance and Document Frequency, International journal of Engineering and advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-8 Issue-6, 4991-4997, 2019,
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12. Dr.B. Annapurna, A tribrid Paradigm against Inundation wild animal attack and fire disasters, International Journal of Innovative Technology and Exploring Engineering(IJITEE), ISSN: 2278-3075, volume 9, Issue 2S4, 454-457, 2019,
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13. Dr.B. Annapurna, An Efficient Utilization of Robotics and IoT to Overcome Threats of Pesticides, International Journal of Innovative Technology and Exploring Engineering(IJITEE) ISSN: 2278-3075, volume 9, Issue 2s3, 411-415, 2019,
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14. Dr.B. Annapurna, Reporting and Managing Pollution in Vehicles using IoT Technology, TEST Engineering and Management, ISSN: 0193-4120, volume 83, 4674 -4678, 2020,
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15. V.Balasankar, Socio-Economical Status of India using Machine Learning Algorithms, International Journal of Recent Tecchnology and Engineering(IJRTE), ISSN: 2277-3878, Volume 8, issue 5, 3804-3813, 2020,
<https://www.ijrte.org/wp-content/uploads/papers/v8i5/E6610018520.pdf>
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17. Dr.B. Annapurna, Object Recognition Using Shift Invariant Artificial Neural Network, Published in Think India Journal, ISSN: 0971 – 1260, Volume 22, Issue 14, 3606-3611, 2019,
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18. **B.Jyothi** “Null Steering In Linear Arrays for Multiple Null Positions” in International Journal of Recent Technology and Engineering, ISSN: 2277-3878, Volume-8 Issue-2, Page No: 2671-74,july 2019.
[DOI: 10.35940/ijrte.B2342.078219](https://doi.org/10.35940/ijrte.B2342.078219)
19. **G.Packiaraj**“Preparation of Magneto Electric (BaFe₁₂O₁₉ / BiFeO₃) Composites using Sol-Gel Auto Combustion Method”in International Journal of Innovative Technology and Exploring Engineering (ISSN: 2278-3075, Volume-8 Issue-11, September 2019
[DOI: 10.35940/ijitee.J9847.0981119](https://doi.org/10.35940/ijitee.J9847.0981119)
20. **A.Neeraja**, “Free Radiation and Viscous Dissipation Effects on MHD Convective Flow along a Moving Vertical Porous Plate with Suction and Chemical Reaction in Presence of Soret and Dufour Effects” in Results in Engineering ISSN NO: 2277-3878 ,4 (2019), PP 1-8.
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21. **A.Neeraja**, “ Effects of Viscous Dissipation and Convective Boundary Conditions on Magneto Hydro Dynamics Flow of Casson Liquid over a Deformable Porous” in Results in Engineering, ISSN: 2278-3075, Volume-100040, Page No: 1-8, October 2019
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22. **.A.Neeraja**, “Numerical Study of MHD Casson Liquid Stream over an infinite Vertical Porous Plate with Newtonian Heating “ Indian Journal of Science and Technology, ISSN NO 0974-6846 (p) Volume 13, issue-2,PP 149-160,Jan 2020
[DOI: 10.17485/ijst/2020/v13i02/147338](https://doi.org/10.17485/ijst/2020/v13i02/147338)
23. **G.Packiaraj** “Magnetic properties of Cu and Al doped nano BaFe₁₂O₁₉ ceramics” in Biointerface Research in Applied Chemistry ISSN 2069-5837 Volume 10, Issue 3, 5455 – 5459,2020
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24. **G.Packiaraj** “Dielectric and Magnetic Properties of Polyaniline-Blended Y-Type Ba₂Ni₂Fe₁₂O₂₂ Hexaferrite Composites” in Journal of Electronic materials, ISSN 0361-5235 Vol. 49, No. 5, 2020
[DOI: 10.1007/s11664-020-08051-8](https://doi.org/10.1007/s11664-020-08051-8)

25. C H. SIVARAMAKRISHNA , YARRAPRAGADA. K.S.S. RAO, Y. SEETHA RAMA RAO, SCV. RAMANAMURTYNAIDU , K. TARANIKANTH, “DESIGN AND SIMULATION OF FLEXURAL STRESSES OF PM COMPOSITE BEAM”, Published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN: 2249–6890, Volume-10 Issue-3, pp. 5835-5842, June 2020
<http://www.tjprc.org/publishpapers/2-67-1596264541-554IJMPERDJUN2020554.pdf>
26. CH. SIVARAMAKRISHNA, K. TARANIKANTH , YARRAPRAGADA. K.S.S.RAO , SCV. RAMANAMURTYNAIDU, Y. SEETHA RAMA RAO, “OPTIMIZATION OF TIG WELDING PROCESS USING TAGUCHI METHOD”, Published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN: 2249–6890, Volume-10 Issue-3, pp. 4055–4062, June-2020
<http://www.tjprc.org/publishpapers/2-67-1595036593-384IJMPERDJUN2020384.pdf>
27. M. S. Abilash, V. Arumugaprabu, N. Rajini, P.Sivaranjana, MarximRahula Bharathi B, ”Moisture Absorption and Chemical Resistance Studies on Pineapple Fiber Reinforced Vinyl Ester Composite”, Published in International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1S4, pp. 30-33, December 2019
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28. MarximRahula Bharathi Boopathi Rajan, Amiya Ranjan Mohanty, “Time delay estimation using wavelet denoising maximum likelihood method for underwater reverberant environment”, Published in The Institution of Engineering and Technology (IET) Radar, Sonar & Navigation ISSN 1751-8784, Volume-14 Issue-8, pp. 1183 – 1191, April- 2020
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29. CH.SIVARAMAKRISHNA1, Y.SEETHA RAMA RAO2, YARRAPRAGADA.K.S.S.RAO3, K.TARANIKANTH4, SCV.RAMANAMURTYNAIDU5 , “WEAR BEHAVIOR ON HYBRID COMPOSITE MATERIAL USING PRINCIPAL COMPONENT ANALYSIS”, Published in Journal of Critical Reviews ISSN 2394-5125, Volume-7 Issue-15, pp. 2737-2744, 2020
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30. M Balu, K Lingadurai, P Shanmugam, K Raja, N Bhanu Teja, V Vijayan, “Biodiesel production from Caulerpa racemosa (macroalgae) oil”, Published in Indian Journal of Geo Marine Sciences ISSN 0975-1033, Volume-49(04), pp. 616-621, April 2020
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31. GEDDADA DIVAKAR, CH.SIVA RAMAKRISHNA, SCV.RAMANAMURTYNAIDU, K.TARANIKANTH, YARRAPRAGADA.K.S.S.RAO, “DESIGN AND OPTIMIZATION OF CRANE HOOK”, Published in Journal of Critical Reviews ISSN 2394-5125, Volume-7 Issue-15, pp.2721-2727, 2020
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32. PVNDK.KISHORE, "A Review for Medical Application Based Antenna", ADALYA JOURNAL Volume 9, Issue 9, September 2020 ISSN NO: 1301-2746
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33. K.MAHESH BABU, "Proficient bio-medical signal processing by with hyper-dimensional computed system for mutual learning and classification of EXG signal: Review", ADALYA JOURNAL Volume 9, Issue 11, November 2020 ISSN NO: 1301-2746
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35. B.Kalesh, "A review of convolution Neural Network, ECG and STFT Based Spectrogram for Health Applications", International Journal of Advanced Science and Technology, Vol. 29, No. 4 (2020), pp. 11197-11206
36. M.VENKATESWARLU, "NEW CHAOS-BASED LOSSLESS IMAGE COMPRESSION AND SELECTIVE ENCRYPTION USING ALPHA ROOTING", International Journal of Advanced Science and Technology, 2020 ISSN NO: 2968-2975
37. G. RAMA KRISHNA, "DESIGN AND ANALYSIS OF ULTRA-WIDEBAND OCTAGONAL CIRCULAR RING PATCH ANTENNA USING DEFECTED GROUND STRUCTURES", International Journal of Advanced Science and Technology, 2020 ISSN NO: PP 2265-2276
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38. G. RAMA KRISHNA, "ANALYZING THE DESIGN OF THE OCTAGONAL PATCH ANTENNA AT 67GHZ WITH ALTERING DIMENSIONS", INTERNATIONAL JOURNAL ON EMERGING TECHNOLOGIES, Vol.11, Issue 1. PP 29-35
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International Journals (UGC Approved)

1. **B Anandababu , Manda Somi Reddy**, “Energy Management System in Electric Vehicle with PV Fed SRM System”, pp60-64, July 2019 , International Journal for Modern Trends in Science and Technology ISSN: 2455-3778

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2. V Suresh , **U P Kumar Chaturvedula**, “Fuzzy logic based energy management in PVbattery-hydro FED micro grid” pp 549-546, Volume 6, Issue 6, june 2019, JETIR, ISSN-2349-5162

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3. Dr.B.Annapurna, EVOLUTION TO MULTIMEDIA DATABASE TECHNOLOGIES FOR ACADEMIC APPLICATIONS, International Journal of Scientific Research and Review, ISSN: 2279-543X, Volume 8, Issue 4, 946- 951, 2019,

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4. K. Siva Nagendra, “Review Based on Wireless Communication for Latest Technology”, Studia Rosenthaliana (Journal for the Study of Research) Volume XII, Issue XII, December-2020 ISSN NO: 1781-7838

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5. PVNDK.KISHORE, “A Short Notes on RF Energy Harvesting Based on Microstrip Antenna”, Studia Rosenthaliana (Journal for the Study of Research) Volume XII, Issue XII, December-2020 ISSN NO: 1781-7838

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8. **Dr.V. Swamy Nadh, B. Hema Sumanth, K. Vasugi, and Manish.R. Shirwadkar** "Ideal location of Outrigger system and its efficiency for unsymmetrical tall buildings under lateral loadings, "**International journal of scientific and technology research, Volume 9, Issue 2, 2917-2920**".

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10. B. Raghava Maheedhar, V. Naresh Kumar Varma, B. Bhanu Prakash Reddy. "Mechanical properties of light transmitting concrete". *International journal of innovative technology and exploring engineering*, **Volume 9, Issue 3, 2020.**

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12. V.Naresh Kumar Varma, UppuluriPraveen Kumar. Seismic response on multi-storied building having shear walls with and without openings. **Materials Today: Proceedings, Volume 37, Part 2, 2021, Pages 801-805**

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International Conferences (Scopus/WoS)

1. A.Ramesh, K.V.S.R.Murthy,B.V.S.S.S.Gopal,” Simulation and Prototype Implementation of Hybrid H-bridge MLI with Minimum Switches” ,pp 845-851, Volume-8, Issue-6S2, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, August 2019 , Published By: Blue Eyes Intelligence Engineering & Sciences Publication .

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2. **Manam Ravindra**, Rayapudi Srinivasa Rao and Vonteddu Shanmukha NagaRaju,”A Binary Harmony Search Algorithm Approach for Security Constrained Allocation of PMUs to Obtain Complete Observability” pp 25-35, Intelligent Communication, Control and Devices, Advances in Intelligent Systems and Computing 989, ISBN978-981-13-8618-3.

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International Conferences

1. Dr DVSSSV Prasad, “A rigidity approach to find distinct mechanisms of a planar kinematic chain”, International Conference on Energy, Materials Sciences & Mechanical Engineering-2020(EMSME 2020), National Institute of Technology, New Delhi, India.
2. Dr DVSSSV Prasad, “A Numerical approach to find distinct mechanisms of a planar kinematic chain using linkage coordinates”, International Conference on Energy, Materials Sciences & Mechanical Engineering-2020 (EMSME 2020), National Institute of Technology, New Delhi, India.
3. Dr DVSSSV Prasad, “Inversions of a kinematic chain by Link Adjacency product”, International Conference on Energy, Materials Sciences & Mechanical Engineering-2020 (EMSME 2020), National Institute of Technology, New Delhi, India.
4. Dr DVSSSV Prasad, “Prediction of prevalence of COVID-19 in India using time Series analysis”, International Conference on the Emerging Trends in Management, @Marian International Institute of Management, Kuttikkanam, Kerala, India.

National Conferences

1. Dr DVSSSV Prasad, “Exergy analysis on various VAR System Components-A Comprehensive Review”, Two Day Online National Conference on Recent Technologies and Basic Sciences-2020(NCRTEBS-2020), BVC Engineering College, Amalapuram, India. ISBN 978-93-88196-48-2 .
2. Dr DVSSSV Prasad, “A Novel algorithm to find distinct mechanisms of a kinematic chain using link polynomial”, Two Day Online National Conference on Recent Technologies and Basic Sciences-2020(NCRTEBS-2020), BVC Engineering College, Amalapuram, India. ISBN 978-93-88196-48-2 .
3. Dr DVSSSV Prasad, “A comparative study of VR headsets”, Two Day Online National Conference on Recent Technologies and Basic Sciences-2020(NCRTEBS-2020), BVC Engineering College, Amalapuram, India. ISBN 978-93-88196-48-2
4. Y.K.S SUBBA RAO, “wear behavior of hybrid composite material”, 2nd National Conference on Advances in Modeling, Manufacturing and Materials Engineering(NCAMMME-2020).
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Patents

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