

Aditya College of Engineering, Surampalem

Papers published/presented by Faculty in Journals/Conferences

Publications:2018-19

International Journals (SCI/WoS/Scopus)	09
International Journals (UGC Approved)	36
National Journals	-
International Conferences(Scopus/WoS)	03
International Conferences	07
National Conferences	03
Patents	-
Total	58

International Journals (SCI/WoS/Scopus)

- 1. M.Srinivasu**, Ohmic Heating Effect on Magneto Hydrodynamic Marangoni Mixed Convection Boundary Layer Nanofluid Flow, International Journal of Engineering & Technology, 2227-524X, 7(4,10), 666-669, December 2018.
<https://www.sciencepubco.com/index.php/ijet/article/view/21308>
- 2. B.Jyothi**, “ Constrained Optimization of Linear Antenna Arrays using Novel Social Group Optimization Algorithm “ in International Journal of Innovative Technology and Exploring Engineering, ISSN: 2278-3075, Volume-8 Issue-4, Page No: 52-56, February 2019.
<https://www.ijitee.org/wp-content/uploads/papers/v8i4/D2620028419.pdf>
- 3. Y.K.S. Subba Rao, Balakrishna B** “Modeling Diesel Engine Fueled with Tamanu Oil-Diesel Blend by Hybridizing Neural Network with Firefly Algorithm”, Published in Renewable energy ISSN 0960-1481, Volume 134, pp. 1200-1212, April 2019
<https://www.sciencedirect.com/science/article/abs/pii/S0960148118310413>
- 4. T.Ramanjaneyulu**, Advanced Multiplier Design and Implementation Using Hancarlson Adder, IEEE, ISBN: 978-1-5386-6478-0, Page No.379-383, 2018
<http://toc.proceedings.com/47028webtoc.pdf>
- 5. T.VEERRAJU**, A survey on fog computing: research challenges in security and privacy issues, International Journal of Engineering & Technology, ISSN: 2227-524X, volume 7, Page No. 335-340, 2018,
<https://www.sciencepubco.com/index.php/ijet/article/view/10710>

6. **Dr.Udayabhanu N.P.G.Raju**, Quantum digital signature based group key management in e-commerce, International Journal of Pure and Applied Mathematics, ISSN: 1314-3395, Volume 120, ISSUE 6, Page No.591-616, 2018,
<https://acadpubl.eu/hub/2018-120-6/1/42.pdf>
7. **Dr.Udayabhanu N.P.G.Raju**, Protected Combination Of Artificial Neural Network With Wireless Sensor Networks, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume 8, ISSUE 4, Page No.08 to 12, 2019,
<https://www.ijeat.org/wp-content/uploads/papers/v8i4/D6315048419.pdf>
8. **B.PRAVEEN KUMAR**, “ADVANCED FOOTSTEP BASED POWER GENERATION USING ARDUINO”, International journal of biomedical engineering and Technology, ISSN:2249-7455
<https://app.box.com/s/3mxvjx2k3laj5l2fbhb4fz6rflkh7ewl>
9. **G. Jaffino,A.Banumathi**,Ulaganathan Gurunathan,B.Vijayakumari; J. Prabin Jose, “DETECTION OF MISSING TOOTH FROM DENTAL RADIOGRAPHIC AND PHOTOGRAPHIC IMAGES IN FORENSIC ODONTOLOGY”, International journal of biomedical engineering and Technology , 2019 Vol.30 No.1, ISSN: 1752-6418
<https://www.inderscience.com/info/inarticle.php?artid=100276>

International Journals (UGC Approved)

1. K. Prabha Rani, **U. P. Kumar Chaturvedula**, “Optimal Capacitor Placement in Radial Distribution Systems Using Flower Pollination Algorithm”, pp 74-79, Volume V, Issue VIII, August 2018, International Journal of Research and Scientific Innovation (IJRSI), ISSN 2321–2705
<https://www.rsisinternational.org/journals/ijrsi/digital-library/volume-5-issue-8/74-79.pdf>
2. **CH. M. K. RAO GEDDAM, A. SRIDHAR**, Performance and Analysis of the Hybrid Fuzzy Logic Controller Based Static Synchronous Compensator, pp 864-872, Volume VIII, Issue III, March/2019, International Journal of Research , ISSN NO:2236-6124
<http://ijrpublisher.com/VOLUME-8-ISSUE-3-MARCH-2019/>
3. Yalamanchali Sridevinagavana Jyothi, & **K.K.Pavan Kumar**,” A STATCOM-Artificial Intelligence Based Controller for Voltage Regulation” ,pp 2742-2749, Volume 04 Issue 02 February 2017, International Journal of Research, ISSN: 2348-795X
<https://www.semanticscholar.org/paper/A-STATCOM-Artificial-Intelligence-Based-Controller-Jyothi-Kumar/51735267bccb9210b1b28deed6bf879b08b66656>

4. **M. Ravindra**, R. Srinivasa Rao, V. Shanmukha Naga Raju, “State Estimation Solution with Optimal Allocation of Phasor Measurement Units Considering Zero Injection Bus Modelling”, pp 803-808, Vol:12, No:11, 2018, International Journal of Electronics and Communication Engineering, ISSN 0974-2166
https://www.researchgate.net/publication/328799561_State_Estimation_Solution_with_Optimal_Allocation_of_Phasor_Measurement_Units_Considering_Zero_Injection_Bus_Modeling
5. N.GEETHANJALI, **DR.M.RAVINDRA**,” PFC CUK CONVERTER FOR BLDC MOTOR DRIVES”, pp 5039-5048, Volume 8, Issue XII, DECEMBER/2018, International Journal of Management, Technology And Engineering Volume 8, Issue XII, DECEMBER/2018 ISSN NO : 2249-7455
<http://ijamtes.org/gallery/572-dec.pdf>
6. B Anandababu , Manda Somi Reddy, Energy Management System in Electric Vehicle with PV Fed SRM System, pp 60-64, Volume: 05, Issue No: 07, July 2019, International Journal for Modern Trends in Science and Technology ISSN: 2455-3778
<http://www.ijmtst.com/volume5/issue07/11.IJMTST050756.pdf>
7. P Prasad , KK Pavan kumar, New Integrated Multilevel Converter for Switched Reluctance Motor Drives in Plug-in Hybrid Electric Vehicles with Flexible Energy Conversion for renewable application, pp 1255-1260, Volume 7, Issue XII, December/2018, International Journal of Research ISSN NO:2236-6124
<http://ijrpublisher.com/VOLUME-7-ISSUE-12-DECEMBER-2018/>
8. **CH.Ramya Harika**, “Assessment of Ground Water Quality From Industrial Area of East Godavari Region”, International Journal of Science Technology & Engineering, 2349-784X, Volume-5, Issue 6,Pp 35-39 December 2018.
<http://www.ijste.org/articles/IJSTE5I6015.pdf>
9. **B.Jyothi** “Surface scattering and Quantized conduction in Semi Conducting Nano Materials “ in IJRAR E-ISSN 2348-1269, P- ISSN 2349-5138, Volume 5 , Issue 4, page no : 835-842, December 2018. (UGC Indexed)
<http://ijrar.org/papers/IJRAR1944100.pdf>
10. **B.Jyothi**, “ Null Patterns in Circular Arrays for Beamforming Applications “ in International Journal of Research in Electronics and Computer Engineering ISSN: 2393-9028 (PRINT) | ISSN: 2348-2281 (ONLINE), Vol. 6 Issue 4 , page no: 1655-1657, October- December 2018 (UGC Indexed)
<http://nebula.wsimg.com/61b26aa734c9d7f8bc17739cd901f1a2?AccessKeyId=DFB1BA3CED7E7997D5B1&disposition=0&alloworigin=1>

11. **B.Jyothi**, “Circular Array Synthesis Using Social Group Optimization Algorithm “ in International Journal for Research in Engineering Application & Management , ISSN : 2454-9150,Vol-04, Issue-10, Page No:186-189, January 2019, (UGC Indexed)
<http://ijream.org/papers/IJREAMV04I1046065.pdf>
12. **A.Neeraja**, “Radiation and Viscous Dissipation Effects on MHD Convective Flow Past an Accelerated Vertical Porous Plate Embedded in a Porous Medium with Chemical Reaction” in International Journal of Management, Technology and Engineering.ISSN:2249-7455,Vol.IX,IssueV,PP:738-751,May2019.(UGC Indexed)
<https://app.box.com/s/xp06cjxvwesseswcl8ipg371ft>
13. **B.Jyothi** , “Antenna Array optimization for MIMO systems” in International Journal of Management, Technology And Engineering, ISSN : 2249-7455, Volume-9, Issue-1,Page No:1773-1782, January 2019. (UGC Indexed)
<http://ijamtes.org/gallery/217-jan19.pdf>
14. Y.K.S. Subba Rao, Bala Krishna B, “A Comprehensive Analysis on Biodiesel Blend Model”, Published in International Journal of Artificial Life Research (IJALR) ISSN 1947-3087, Volume 8 Issue 2, pp. 25-46, July 2018.
<https://www.igi-global.com/gateway/article/227072>
15. B.Srikanth, T.Udaykiran “Manufacturing and testing of polymer matrix interply hybrid laminated composite”, Published in the International Journal of Management, Technology And Engineering(IJMTE) ISSN 2249-7455, Volume 9 Issue 4, pp. 2721-2725, April 2019
<https://app.box.com/s/4f1p758zgeyy34lezqzqifuuunlewz3j>
16. P.HariChandra Prasad, S.L.N Reddy, Mohammad Hussain,“Comparative thermal analysis on heat sink with different geometries”, Published in International Journal of Research and Analytical Reviews(IJRAR) ISSN 2349-5138, Volume 5,Issue 2, pp.2121-2127, June 2018
http://ijrar.com/upload_issue/ijrar_issue_1154.pdf
17. Dr.G.S.N.Murthy, An Enhanced Hash based cryptographic Algorithm, Global Journal of Engineering Science and Researches(GJESR), ISSN: 2348-8034, Volume-5,Issue-7, Page No.196-206, 2018,
<http://www.gjesr.com/Issues%20PDF/Archive-2018/July-2018/29.pdf>
18. Dr.G.S.N.Murthy, T.VEERRAJU, Analysis of K*(STAR) and hierarchical clustering algorithm for education completion performance, International journal of research and analytical reviews(IJRAR), ISSN: 2348-1269, volume 6, issue 2, page No.85-88, 2019,
<http://www.ijrar.org/papers/IJRAR19K1728.pdf>

19. Dr.B.Annapurna, MULTIMEDIA DATABASE CONCERNS – AN APPLICATION TO SIGHT AND SOUND WITH BLENDED SOLUTION TO IMPLEMENTATION ISSUES, International Journal of Management,Tecnology And Engineering, ISSN: 2249-7455
<http://ijamtes.org/VOL-9-ISSUE-04-2019-4/>
20. T.VEERRAJU, A New Search Recommendation for automatically Mining Query Facets, International Journal of Science Engineering and Advance Technology, ISSN: 2321-6905, Volume 9, Issue 4, Page No.4284-4290, 2018,
<http://www.ijseat.com/index.php/ijseat/article/view/1051/pdf>
21. S.Sai Ganesh, AN ENHANCED HASH BASED CRYPTOGRAPHIC ALGORITHM, GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES, ISSN: 2348 – 8034, Volume 5, Issue 7, Page No.197-206, 2018,
<http://www.gjesr.com/Issues%20PDF/Archive-2018/July-2018/29.pdf>
22. V. Neelima, A New Search Recommendation for automatically Mining Query Facets, International Journal of Science Engineering and Advance Technology, ISSN: 2321-6905, Volume 6 , Page No.289-292, 2018,
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23. Dr.B.Annapurna, BODY AREA NETWORK: SENSOR COMMUNICATIONS THROUGH HUMAN BODY, International Journal of Research, ISSN: 2236-6124, volume 7, Issue 8, Page No.7 to 13, 43313,
<http://ijrpublisher.com/gallery/2-august-2018.pdf>
24. Dr.B.Annapurna, DEBLURRING IMPULSE NOISE: AN APPROACH TO FUZZY LOGIC, International Journal of Research, ISSN: 2236-6124, volume 7, Issue 8, Page no.1 to 6, 43313,
<http://ijrpublisher.com/gallery/1-august-2018.pdf>
25. Dr.B.Annapurna, LIGHT FIDELITY: - AN INTERNET COMMUNICATION SYSTEM FROM FUTURE, International Journal of Scientific Research and Review, ISSN: 2279-543X, volume 7, Issue 7, Page No. 201 to 206, 2018,
<http://www.dynamicpublisher.org/gallery/paper%2012%20-%20id70.pdf>
26. Dr.B.Annapurna, AN IOT APPROACH TO WILDFIRE DETECTION AND REMEDY WITH SENSOR NETWORK DEPLOYMENT, International Journal of Scientific Research and Review, ISSN: 2279-543X, volume 7, Issue 7, Page No.196-200, 2018
<http://www.dynamicpublisher.org/gallery/paper%2011%20-%20id69.pdf>

27. Dr.B.Annapurna, Public Blockchain Technology Model for Indian Polity System, International Journal of Scientific Research and Review, ISSN: 2279-543X, volume 7, Issue 3, Page No.17 - 21, 2018,
<http://www.dynamicpublisher.org/gallery/ijssr-dsp-6.pdf>
28. Dr.B.Annapurna, Auto-Dialog Systems: Implementing Automatic Conversational Man-Machine Agents by Using Artificial Intelligence & Neural Networks, International Journal of Scientific Research and Review, ISSN: 2279-543X, volume 7, Issue 1, Page No.1 to 5, 2018,
<http://dynamicpublisher.org/gallery/ijssr-dsp-1.pdf>
29. Dr.B.Annapurna, An Efficient Approach To Software Controlled Tidal Power Generation System, International Journal of Suraj Punj Journal For Multidisciplinary Research, ISSN: 2394-2886, volume 8, Issue 12, Page No.43 - 48, 2018,
<http://www.spjmr.com/gallery/spec-6.f.pdf>
30. Dr.B.Annapurna, An Iot Approach To Wildfire Detection And Remedy With Sensor Network Deployment, International Journal of Scientific Research and Review, ISSN: 2279-543X, volume 7, Issue 7, Page No.196-200, 2018,
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31. Dr.B.Annapurna, An Approach To Android Application Controlled Segway Drive, International Journal of Suraj Punj Journal For Multidisciplinary Research, ISSN: 2394-2886, volume 8, Issue 12, Page No.49 - 54, 2018,
<http://www.spjmr.com/gallery/spec-7.f.pdf>
32. K.Pavan Kumar, A COMPARATIVE STUDY ON SEISMIC RESISTANCE OF A HIGH RISE STRUCTURE WITH FLOATING COLUMNS HAVING INFILL SHEAR WALL AT DIFFERENT LOCATIONS, International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES).
<http://www.ijtimes.com/PastIssues.php?ao>
33. Syed. Nizamuddin Khadri, A COMPARATIVE STUDY ON SEISMIC RESISTANCE OF A HIGH RISE STRUCTURE WITH FLOATING COLUMNS HAVING INFILL SHEAR WALL AT DIFFERENT LOCATIONS. International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES)
<http://www.ijtimes.com/PastIssues.php?ao>
34. P R Kishore, Study on Strength Characteristics of Eco-Friendly Geopolymer Concrete Blended with Silica Fume, International Journal of Engineering Research and Technology.
<https://www.ijraset.com/archive-detail.php?AID=67>

35. B.Kondababu, Experimental Study on Microbial Fibre concrete, International Journal of Engineering and Management Research.

<https://www.ijemr.net/ojs/index.php/ojs/issue/view/8>

36. V.Tamilselvan, Experimental Study on Microbial Fibre concrete, International Journal of Engineering and Management Research.

<https://www.ijemr.net/ojs/index.php/ojs>

International Conferences (Scopus/WoS)

1. Dr. Pullela S V V S R Kumar, Ayanavalli Ramadevi, Nakkella Madhuri, Local Ternary Pattern Alphabet Shape Features for Stone Texture Classification, International Conference on Micro-Electronics, Electromagnetics and Telecommunications, ISBN: 978-981-13-1906-8, volume 521, Page No.421-431, 2018,

<https://www.springerprofessional.de/en/local-ternary-pattern-alphabet-shape-features-for-stone-texture-/17595310>

2. Nakkella Madhuri, Ayanavalli Ramadevi, Dr. Pullela S V V S R Kumar, Local Ternary Pattern Alphabet Shape Features for Stone Texture Classification, International Conference on Micro-Electronics, Electromagnetics and Telecommunications, ISBN: 978-981-13-1906-8, volume 521, Page No.421-431, 2018,

<https://www.springerprofessional.de/en/local-ternary-pattern-alphabet-shape-features-for-stone-texture-/17595310>

3. Ayanavalli Ramadevi, Dr. Pullela S V V S R Kumar, Nakkella Madhuri, Local Ternary Pattern Alphabet Shape Features for Stone Texture Classification, International Conference on Micro-Electronics, Electromagnetics and Telecommunications, ISBN: 978-981-13-1906-8, volume 521, Page No.421-431, 2018,

<https://www.springerprofessional.de/en/local-ternary-pattern-alphabet-shape-features-for-stone-texture-/17595310>

International Conferences

1. **B.Jyothi** , presented a paper on “non-uniform Amplitude and Spatial Distribution Based Circular-array Design using SGOA “ in the 3Rd International Conference on Smart Computing and Informatics, ,KIIT deemed University, Bhubaneswar, 21st and 22nd December 2018.
2. **B.Jyothi**, presented a paper on “Antenna Array optimization for MIMO systems “ in the 2ND International conference on Recent Development in Science , Engineering, Management and Humanities at IEI Institution of Electronics, Mumbai. 13Th January 2019.
<http://ijamtes.org/gallery/217-jan19.pdf>
3. **U.Abhishek Kumar**, presented a paper on “Effective Mechanism of public Hearing in Environmental clearance system” at the International conference on “Multi-Disciplinary Approach towards sustainable Development: Role of Government, Academicians, Corporate, Civil Societies and Citizens” at the Indian Institute of Forest Management, Bhopal, 21st and 22nd February 2019.
4. **B.Jyothi**, presented a paper on “Synthesis and Characterisation of non-linear optical crystal L-Tyrosine Hydro bromide “ in the International Conference on Advanced Functional Materials and Devices at National Institute of Technology, Warangal,Telangana, 28th February 2019
5. **M.Pranathi**, presented a paper on “Soyinka’s use of English Language in kongi’s harvest’, in the International Conferences on Voices Unheard : Indigenous and Tribal Literature in English & English Translation at Osmania University, Hyderabad, 22nd to 24th March 2019.
6. **G.Packiaraj**, presented a paper on “Influence of Diamagnetic and paramagnetic Elements on Magnetic Characteristics of M-Type Nano Hexaferrite” International Conference on Engineering and Advancement in Technology, at Lords Institute of Engineering & Technology, Hyderabad, 9th & 10th April 2019
7. Dr.B.Annapurna, Object Recognition Using Convolutional Neural Networks(CNN), International Conference on Computer Vision and Machine Learning, ISSN: 2393-9028, Volume 7, Issue 1, Page No.2370 - 2373, 43525
<http://nebula.wsimg.com/767a39cf4a92a017c1b7e0aed25fdf5b?AccessKeyId=DFB1BA3CED7E7997D5B1&disposition=0&alloworigin=1-UGC>

National Conferences

- 1. A.Neeraja** , presented a paper on "Effect of Chemical Reaction on MHD Radiative Flow Passed an Accelerated Vertical Porous Plate" in National conference on Integrating Science and Society for Global Sustainability Andhra Pradesh Science Congress-2018 (Andhra Pradesh Akademi of Sciences Amaravati in association with Yogi Vemana University Kadapa) at Yogi Vemana University Kadapa, Andhra Pradesh, 9th to 11th November 2018.
- 2. A.Neeraja** , presented a paper on "Free Radiation and Mass Transfer Effects on MHD Convection Flow along a Moving Vertical Porous Plate with Suction and Chemical Reaction in presence of Soret and Dufour Effects" in National conference on "computational modeling of fluid dynamics problems" at National Institute of Technology, Warangal, Telangana 18th to 20th January 2019.
- 3. U.Abhishek Kumar**, presented a paper on "Environmental Management of Modern Agricultural Towards Food Security" in National conference on " Emerging Trends in Environmental Law & Policy in India "at Bharathidasan University ,Trichy, 30th March 2019.