

Aditya College of Engineering & Technology

Publications: 2018-19

International Journals (With Impact Factor)	2
International Journals (Scopus)	4
International Conferences (Scopus)	3
International Conferences	11
International Journals (UGC)	26
National Conferences	3
Total	49

International Journals (With Impact Factor)

1. Mr. A. Rama Krishna, N.Murali, S.J.Margarette, T.Wegayehu Mammo, N.Krishna Jyothi, B.Sailaja, Ch.C.Sailaja Kumari, K.Samatha, V.Veeraiah, “Studies on structural magnetic and DC electrical resistivity properties of $\text{CO}_{0.5} \text{M}_{0.37} \text{Cu}_{0.13} \text{Fe}_2\text{O}_4$ (M=Ni, Zn and Mg) ferrite nanoparticle systems” Advanced Powder Technology, Volume – 29, August-2018, Pp. 2601 – 2607.

[IF 4.833 SJR .85 HINDEX 69]

<https://www.sciencedirect.com/science/article/pii/S0921883118303121>

2. Dr. V. Raghavendra et al., “Effect on Structural and Magnetic Properties of Mg^{2+} Substituted Cobalt Nano Ferrite” , Results in Physics, Volume – 12(2019), Pp. 947 – 952.

[IF 4.476 SJR 0.64 HINDEX 56]

<https://www.sciencedirect.com/science/article/pii/S2211379718328456>

International Journals (Scopus)

1. Mrs. **B.V.Vijaysri** et al., “A Novel Speech Comparison Technique using Optimized Wavelet Transform to Improve the Quality of Auditory Perception under Low SNR Conditions”, International Journal of Simulation Systems, Science & Technology Vol.19, Issue 6, Article 28, December 2018.

[SJR 0 HINDEX 22]

<https://ijssst.info/Vol-19/No-6/paper28.pdf>

2. Mr. M.Anilkumar, Dr.U.Ravi Babu, “Deceased Leaf Identification Using The Geometric Local Binary Patterns (GLBP)”, Published in the ARPN Journal of Engineering and Applied Sciences, Volume – 13(23), Dec - 2018, Pp. 9012 – 9019.

[SJR 0.238 HINDEK 32]

http://www.arpnjournals.org/jeas/research_papers/rp_2018/jeas_1218_7418.pdf

3. Mr. M. Anil Kumar, “Ordered Local Binary Pattern (OLBP) for Classification of Textures”, International Journal Recent Technology and Engineering (IJRTE), Volume – 7(5), January 2019, pp. 243-247.

[SJR 0 HINDEK 20]

<https://www.scopus.com/record/display.uri?eid=2-s2.0-85061066167&origin=resultslist>

International Conferences (Scopus)

1. Sailaja, R., Rupa, C., Chakravarthy, A.S.N , Intensifying the security of information by the fusion of random substitution technique and enhanced DES, Smart Innovation, Systems and Technologies, 77, pp. 487-496, 2018.

<https://link.springer.com/book/10.1007/978-981-10-5544-7>

2. Dr. N.Rajeswara Rao, B.Sanjeev Rao, S.V.S.Rama Reddy, T.Venkatappa Rao “The Effect of Electron Beam Irradiation on Physicochemical Properties of Potato Starch” Published in the International Conference on Renewable Energy Research and Education (RERE-2018), AIP Conference Proceedings, 1992, Pp. 040030-1 – 040030-4, 2018.

<https://aip.scitation.org/doi/10.1063/1.5047995>

3. N.Rajeswara Rao, B.Sanjeev Rao, S.V.S.Rama Reddy, T.Venkatappa Rao “The Effect of Electron Beam Irradiation on Physicochemical Properties of Potato Starch” International Conference on Renewable Energy Research and Education, 040030-1, 2018.

<https://aip.scitation.org/doi/10.1063/1.5047995>

International Conferences

1. Dr. B.S.N Murthy et al. “Dynamics of Phytoplankton-Zooplankton Delay Model with Interval Biological Parameters” Presented in International Conference on Recent Inventions and Innovations in Mathematical Sciences - 2019 (ICRIIMS-2019), conducted by Andhra University, Visakhapatnam, 28th February & 1st March, 2019.
2. Mrs. D.Sravani et al. “Isolation, Charaction, and Phy tichemical Analysis of Mangrove Plant Species” Presented in the International Conference on State of Knowledge of Chemistry Industry and Environment (SKCIE 2018), conducted by SVRM College, Nagaram, Guntur Dist, June 22-24, 2018.
3. Dr. N. Rajeswara Rao et al. “A Comparison Study of Structural and Thermal Properties of Few Electron Beam Irradiated Biopolymers.”Presented in the International Conference on Advancements in Polymeric Materials at Central Institute of Plastics Engineering and Technology (CIPET), Bhubaneswar, 2nd-4th, February, 2018.
4. Mr. D. Srinivasa Rao et al “Victim Emerging as Victor : A Study on Enhancement of Women in Literature.” Presented in the International Seminar on Recreating Spaces : Language, Culture and Gender Issues, AU, Visakhapatnam, 8-9th, December, 2017.
5. Mr. M.Maheswara Rao et al. , “MECHANICAL AND DURABILITY PROPERTIES OF HDPE FIBRE REINFORCED CONCRETE” Presented in XIth Structural Engineering Convention (SEC-2018), Conducted by Jadavpur University, Kolkata, December-19-21, 2019.
6. Mr. K.Vijay et al., “EXPERIMENTAL ENHANCEMENT OF THE STEAM QUALITY USING WATER BASED NANOFLUID (AL₂O₃)” Presented in the International Conference on Technological Emerging Challenges, at Tirumala Engineering College, Jonnalagadda, Narasaraopet, AP, 15-16 March, 2019.
7. Mr. T. S. S. Bhaskara Rao et al., “Application of Metal Spraying in Decorative Electrical and Other Engineering Industries”Presented in the International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering Systems at NIT, Trichy, 18th -20th, January, 2018.
8. Mr. D. Srinivasa Rao et al., “Victim Emerging as Victor : A Study on Enhancement of Women in Literature.” Presented in the International Seminar on Recreating Spaces : Language, Culture and Gender Issues, AU, Visakhapatnam, 8-9th, December, 2017.
9. Mr. D.Kishore et al., “A Neural Network Approach for Content Based Image Retrieval Using Movements of Image transforms” Presented in International Conference on Soft Computing and Signal Processing (ICSCSP-2018), MLR College of Engineering & Technology, Secunderabad, June 22-23, 2018, ISSN: 2194-5357

10. Mr. D.Kishore,S.Srinivas Kumar, Ch.Srinivasa Rao, “A Neural Network Approach for Content Based Image Retrieval Using Movements of Image transforms” Presented in the International Conference on Soft Computing and Signal Processing (ICSCSP-2018), at MLR College of Engineering & Technology, Secunderabad, June 22-23, 2018.
11. Mr. E. Jagadeeswara Rao et al., “Advanced Multiplier Design and Implementation using Hancarlson Adder” Presented in the International Conference on Intelligent & Innovative Computing Applications - 2018 (ICONIC), conducted by IEEE Mauritius subsection at Holiday inn, Plaine Magnien, Mauritius, December 6-7, 2018.

International Journals (UGC)

1. RAYI SAILJA, A novel integrated approach using Euclid’s and fuzzy logic for secure communication, International Journal of Information Privacy, Security and Integrity.

<https://www.inderscienceonline.com/doi/abs/10.1504/IJIPSI.2018.096131>

2. R.Sailaja, EPNN based High Secure Intensive Hidden Digital Watermark Application in Telemedicine, Advances in modeling and analysis. A general mathematical and computer tools

https://www.iieta.org/journals/AMA_A/paper/10.18280/ama_a.560104

3. **D.Kishore**,Ch.Srinivasa Rao, A multi feature fusion based CBIR system with kernel principal component analysis, Journal of Engineering Technologies and Innovative Research(JETIR), vol 6, issue 3, March 2019.
4. Mr. P.S.V. Shanmukhi,K.Chandra Mouli, N.Rajeswara Rao, V.Raghavendra, “Thermal Properties of Polypropylene/Strontium Carbonate (srco3) Nanocomposites”Published in the International Journal of Basic and Applied Research, Volume – 8(7), July- 2018, Pp. 697 – 705.
5. Mr. P.S.V. Shanmukhi, K.Chandra Mouli, N.Rajeswara Rao, V.Raghavendra, K.S.K.R.Chandra Sekhar, “Structural Morphological Properties of Polypropylene/Strontium Carbonate (Scro3) Nanocomposites” Published in the Journal of Applicable Research, Volume – 7(4), June- 2018, Pp.919 – 927.
6. Dr. V. Raghavendra et al.,, “Dielectric and Piezoelectric Properties of Sm³⁺ doped Lead Barium Niobate (PBN) Ceramics” Published in the Physica B: Condensed Matter, Volume – 556(2019), Pp. 75 – 81.

7. Mr. M.Maheswara Rao et al., “Investigation on Properties of PET and HDPE Waste Plastic Concrete” Published in the International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 6, Pp. 495-505, March, 2018.
8. Usha Ranin J, Srinivasu K, A.Naga Sai, “A comprehensive study of mechanical propertie of Nominal grade concrete using copper slag as partial replacement to fine aggregate”, International Journal of Engineering & Technology, 2018.
9. A. Naga Sai, A Comprehensive Study on Mechanical Properties of Nominal Grade Concrete Using Copper Slag as Partial Replacement to Fine Aggregate” Published in International Journal of Engineering & Technology Volume – 7, Issue 1, July 2018, Pp. 443 – 445
10. Mrs.K.Vara Lakshmi et al., “Ecentric operation of STATCOM Using Predictive Controller”, Published in the International Journal of Power Electronics and Drive System (IJPEDS), Vol. 9, No.1 March 2018, pp. 150-156.
11. Mr. K.R.K.V.Prasad et al., “Simultaneous DG and Capacitor Placement for Energy Loss Minimization with Constant and Time Varying Load Profile”, Published in the International Journal of Control Theory and Applications, Volume – 10(6), 2017, Pp. 287 – 299.
12. Mr. K.R.K.V.Prasad et al., “Optimal Conductor Selection and Capacitor Placement for Cost Minimization in Distribution Systems”, Published in the International Journal of Advanced Scientific Research and Management(IJASRM), CITAES – 18, Pp. 11 – 15.
13. V. Preethi, PIFA Antenna for Wireless Communications”,Published in International Journal of Engineering and Techniques,Volume – 4, Issue 3, May - June 2018, Pp. 646 – 648.
14. Mrs. B.V.Vijayasri, I.Santhi Prabha, “Transformation based Speech Compression for Improving Speech perception under Low SNR Conditions”, Published in the International Journal of Research, Volume – 7(7), July - 2018, Pp. 64 – 75.
15. Mrs. B.V.Vijayasri, I.Santhi Prabha, “INTELLIGIBILITY MEASURE OF A TIME-FREQUENCY WEIGHTED COMPRESSED NOISY SPEECH” Published in the International Journal for Innovative Engineering and Management Research, Volume – 7(6), July - 2018, Pp. 132 – 137.
16. Ms. P. Swarnalatha, A.Rama Vasantha, “IOT Based Real Time Early Warning Bus Information System to Students by E-mail” Published in International Journal of Creative Research Thoughts (IJCRT) Volume 6, Issue 2, April 2018.

17. Ms. S. Annapurna Devi, V. Preethi “Smart Wearable Device for Child Protection” Published in International Journal of Creative Research Thoughts (IJCRT) Volume – 6, Issue 1, March 2018.
18. Ms. R. Sai Lakshmi, P. Bhavani Shankar, “Raspberry PI Based Passenger Car for Road Safety” Published in International Journal of Engineering and Technology (IJET), Volume 4, Issue 3, May–June 2018.
19. Mr. K. Parvateesam, Satya Sruthi P, “Design and Implementation of an IOT based Efficient and Intelligent Smart Bins by using Raspberry Pi” Published in the International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Volume – 7(6), June - 2018, Pp. 2906 – 2913.
20. Mr. K. Parvateesam, B. Divakar, “Design and Implementation of IOT Based Smart Surveillance and Intelligent Monitoring System Using Raspberry Pi” Published in the International Journal of Engineering and Techniques, Volume – 4(3), May - 2018, Pp. 507 – 512.
21. G. Raju, N. Murali, M. S. N. A. Prasad, B. Suresh, D. Appa Rao Babu, M. Gnana Kiran, Mr. A. Rama Krishna, M. Tulu Wegayehu, B. Kishore Babu, “Effect of chromium substitution on the structural and magnetic properties of cobalt ferrite” Published in the Materials Science for Energy Technologies, Volume – 2, November-2018, Pp. 78 – 82
22. Mr. E. Jagadeeswara Rao K. Jaya Ram Kumar, Dr. T. V. Prasad, “Design of high speed Wallace tree multiplier using 8-2 and 4-2 adder compressors” Published in the International Journal of Engineering & Technology, Volume – 7(4), Sept- 2018, Pp. 2386 – 2390.
23. Mr. R. Anil Kumar et al., “Modified OFDM Receiver Design with Improved Channel Capacity” Published in the International journal of Engineering & Technology, Volume – 7, 2018, Pp. 743 – 749.
24. Mr. R. Anil Kumar et al., “Out-of-Band Radiation, PAPR and SER Analysis for Future Wireless (5G) Communications” Published in the Journal of Advanced Research in Dynamical & Control Systems, Volume – 10(9), 2018, Pp. 224 – 231.
25. Mr. E. Jagadeeswara Rao et al., “Design and Implementation of High Speed Modified Russian Peasant Multiplier using 8-2 Adder Compressors” Published in the International Journal of Research and Computer Engineering (IJRECE), Volume – 6(3), July-Sept 2018, Pp. 379 – 383.
26. V. Preethi, S. Annapurna Devi, “PIFA Antenna for Wireless Communications”, International Journal of Engineering and Techniques, Vol. 4 Issue 3, May June 2018.

National Conferences

1. Mrs. D Sravani et al. “Isolation and Characterization of Antioxidants from Mangrove Plant Extracts” Presented in National Conference on Innovative Perspectives of Chemistry in Environment Pharmacy and Technology (CEPT 2017), at Pragati Engineering College, Surampalem, 6th Oct, 2018.
2. Mrs. D.Sravani et al. “Quality Evaluation of Ground Water from Industrial Area of East Godavari Region” Presented in the National Conference on Emerging Trends in Instrumental Methods of Chemical Analysis (ETIMCA 2019), conducted by NIT Warangal, January 30-31, 2019.
3. Dr.R.V.S.Lalitha, P.V.S.N.S.Sameera, Y.Swamy, K.Jyothi Priya, Real Time Data Analytics of Traffic analysis in Vehicular Ad hoc Networks (VANETs) using Data as a Service (DaaS), 2nd National Conference on Current Trends in Engineering and Technology(NCCTET-2K19), Srinivasa Institute of Engineering & Technology, Amalapuram, 15-16, March 2019.