

Aditya College of Engineering, Surampalem
Papers published/presented by Faculty in Journals/Conferences
Publications:2016-17

International Journals (SCI/WoS/Scopus)	14
International Journals (UGC Approved)	22
National Journals	-
International Conferences(Scopus/WoS)	02
International Conferences	03
National Conferences	04
Patents	-
Total	45

International Journals (SCI/WoS/Scopus)

1. **A. Ramesh** , O. Chandra Sekhar and M. Siva Kumar,” Modeling and Analysis of 11 Level Hybrid H-Bridge Multilevel Inverter with Minimum Number of Switches” , I J C T A, 10(5) 2017, pp. 221-235, ISSN 0974-5572
[https://serialsjournals.com/abstract/38975_ch_23 - 39. ramesh-new.pdf](https://serialsjournals.com/abstract/38975_ch_23_-_39_ramesh-new.pdf)
2. **A Ramesh**, M. Siva Kumar, O. Chandra Sekhar, “Interleaved Boost Converter Fed with PV for Induction Motor/Agricultural Applications” Vol. 7, No. 3, September 2016, pp. 831-847, International Journal of Power Electronics and Drive System (IJPEDS), ISSN 2088-8694
<https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/5264/5485>
3. **A Ramesh**, M. Siva Kumar, O. Chandra Sekhar “SIMULATION ANALYSIS AND EXPERIMENTAL VALIDATION OF SYMMETRICAL AND ASSYMETRICAL CASCADED H-BRIDGE MULTILEVEL INVERTERS FOR PV APPLICATION” journal of electrical engineering , ISSN 1582-4594,
<http://www.jee.ro/covers/editions.php?act=art&art=WD1430470284W55433e8c0749b>
4. M.Srinivasu, “Unsteady viscous dissipative dust nano fluid flow over a vertical plate “IJET,ISSN No:0975-4024,Vol-8,Issue5, oct-nov2016.
<http://www.enggjournals.com/ijet/docs/IJET16-08-05-419.pdf>

5. M.Srinivasu, D.R.V.S.R.K.Sastry, V.VenkataRamana, S.Balaji “Effect of radiation on MHD mixed convection flow past a semi infinite vertical plate”,ARPN Journal of Engineering and Applied Sciences , Vol-11(23), ISSN 1819-6608,Pp. 14033-14038, Dec.2016.
http://www.arpnjournals.org/jeas/research_papers/rp_2016/jeas_1216_5488.pdf
6. A.Neeraja, Radiation and mass transfer effects on MHD free convection flow over a moving vertical porous plate immersed in a porous medium. I.J.P.A.M. ISSN:1314-3395(online)1311-8080(printed).Vol.109,Issue 8, Pp.233-241,2016
<http://acadpubl.eu/jsi/2016-109-si/8/30.pdf>
7. K.S.S.Rao Yarrapragada, Bala Krishna B, “Impact of tamanu oil-diesel blend on combustion, performance and emissions of diesel engine and its prediction methodology”, Published in Journal of the Brazilian Society of Mechanical Sciences and Engineering ISSN 1806-3691, Volume-39 Issue-1, pp.1797-1811, May 2017
<https://link.springer.com/article/10.1007/s40430-016-0616-5>
8. Dr. Pullela S.V.V.S.R. Kumar, Texture primitive unit extraction using different wavelet transforms for texture classification, Applied and Theoretical Computing and Communication Technology (iCATccT), ISBN:978-1-5090-2399-8,2017,
<https://ieeexplore.ieee.org/document/7911987>
9. Dr. Pullela S.V.V.S.R. Kumar, Stone Image Classification Based on Overlapped 5-bit T-Patterns occurrence on 5-by-5 Sub Images, International Journal of Electrical and Computer Engineering (IJECE), (Scopus indexed journal) , ISSN: 2088-8708, Volume 6, issue 3, pp. 1152 – 1160 , 2016,
<http://ijece.iaescore.com/index.php/IJECE/article/view/470/344>
10. Palnati.Vijay Kumar, Stone Image Classification Based on Overlapped 5-bit T-Patterns occurrence on 5-by-5 Sub Images, International Journal of Electrical and Computer Engineering (IJECE), (Scopus indexed journal) , ISSN:2088-8708, Volume 6, issue 3, pp. 1152 – 1160 , 2016,
<http://ijece.iaescore.com/index.php/IJECE/article/view/470/344>
11. Nakkella Madhuri, Stone Image Classification Based on Overlapped 5-bit T-Patterns occurrence on 5-by-5 Sub Images, International Journal of Electrical and Computer Engineering (IJECE), (Scopus indexed journal) , ISSN:2088-8708, Volume 6, issue 3, pp. 1152 – 1160 , 2016,
<http://ijece.iaescore.com/index.php/IJECE/article/view/470/344>
12. M.Umadevi, Stone Image Classification Based on Overlapped 5-bit T-Patterns occurrence on 5-by-5 Sub Images, International Journal of Electrical and Computer Engineering (IJECE), (Scopus indexed journal) , ISSN: 2088-8708, Volume 6, issue 3, pp. 1152 – 1160 , 2016,
<http://ijece.iaescore.com/index.php/IJECE/article/view/470/344>

13. V.Chandra Sekhara Rao, Texture primitive unit extraction using different wavelet transforms for texture classification, Applied and Theoretical Computing and Communication Technology (iCATccT), ISBN:978-1-5090-2399-8, 2016,
<https://ieeexplore.ieee.org/document/7911987>
14. A.Rama Devi, Texture primitive unit extraction using different wavelet transforms for texture classification, Applied and Theoretical Computing and Communication Technology (iCATccT), ISBN:978-1-5090-2399-8, pp 175-179, 2016,
<https://ieeexplore.ieee.org/document/7911987>

International Journals (UGC Approved)

1. **U P Kumar Chaturvedula , D Tata Rao**, “A Novel Case Study on Energy Management” , pp 6-9, Volume 4, Issue 1 (February, 2017), International Journal of Electrical Electronics & Computer Science Engineering, ISSN : 2348-2273
<https://www.ijeecse.com/V4N1-002.pdf>
2. **U P Kumar Chaturvedula , D Tata Rao** , “Energy Auditing Tools & Saving Gadgets” ,pp 230-233, Vol. 4, Issue 10, 2016, International Journal for Scientific Research & Development, ISSN (online): 2321-0613
<http://ijsrd.com/Article.php?manuscript=IJSRDV4I100110>
3. Chittarapu Sowbhagya, **D.Tata Rao**, “Modular Multilevel Converter/Alternate Arm Converter for High Frequency Networks”, **pp 2750-2755**, Volume 04 Issue 02 February 2017, International Journal of Research, ISSN: 2348-795X
<https://journals.pen2print.org/index.php/ijr/article/view/7002/6785>
4. Puvvula Hemanth Prithvia, **A.S.S. Veerendra Babu**, “Design and Simulation of PV Based Fuzzy Logic controller for the Compensation of Utility Current Using Active Power Filter for the Non Linear Load”, pp 2756-2769, Volume 04 Issue 02 February 2017, International Journal of Research, ISSN: 2348-795X
<https://journals.pen2print.org/index.php/ijr/article/view/7003>
5. **K. V. S. Ramachandra Murthy, P. Srihari Datta Bhimaraju**, “Optimal Sizing of Capacitors Using Harmony Search Algorithm with Limited Search Space”, pp 1-10, Vol. 12, Issue. 8, August-2016, International Journal of Emerging Trends in Electrical and Electronics ISSN: 2320-9569
<https://www.iret.co.in/J1.html>
6. P.S.S.R.Sujatha, ‘Traffic Sharing In A Computer Network Using Numerical Techniques’ IJAERD, Volume 3, Issue 12, ISSN 2348-6406, PP.403-409, Dec.2016.
<https://www.scribd.com/document/337583316/TRAFFIC-SHARING-IN-A-COMPUTER-NETWORK-USING-NUMERICAL-TECHNIQUES-IJAERDV03I1234465-pdf>

7. PSVSSR Krishna,GVA Swamy, “Design And Optimization Of Heavy Vehicle Leaf Spring”,Published in International Journal Of Multidisciplinary Advanced Research Trends ISSN 2349-7408, Volume 4,Issue 1, pp. 150-156, January 2017

<http://www.ijmart.info/IndexList>

8. K Prudhvi Ravi Kumar, SB Prasad Vejjendla, A Ravindra, K Vijay, “Thermal Analysis of Forced Convective Heat Transfer on Tree like Branching Fins”, Published in International Journal of Thermal Technologies ISSN 2277 – 4114, Volume-6 Issue-2, pp. 100-102, June 2016

https://www.researchgate.net/profile/Kollati-Ravikumar-2/publication/341701793_International_Journal_of_Thermal_Technologies_Thermal_Analysis_of_Forced_Convective_Heat_Transfer_on_Tree_like_Branching_Fins/links/5ecf755292851c9c5e630537/International-Journal-of-Thermal-Technologies-Thermal-Analysis-of-Forced-Convective-Heat-Transfer-on-Tree-like-Branching-Fins.pdf

9. Dr.T.K.Rama Krishna Rao, Mitigate the Control Packets Using Weights Rough Set Model with LAR Method in MANET, International Journal of Engineering Research and Application, ISSN: 2248-9622, Vol. 6, Issue 12, (Part -2) December 2016, pp.18-25

https://www.ijera.com/papers/Vol6_issue12/Part-2/D61202018025.pdf

10. Dr.T.K.Rama Krishna Rao, A Novel Metric Calculation for Reducing the Loss of Packets Based on Rough Set Model in MANETs , International Journal of Computer Science & Engineering Technology , ISSN:2229-3345, Page No. 29-35, Vol. 8 No. 02 Feb 2017,

<http://www.ijcset.com/docs/IJCSET17-08-02-002.pdf>

11. Dr. Pullela S.V.V.S.R. Kumar, New approaches for the Features Extraction on Handwritten Digit Image for Recognition, International Journal of Digital Content Technology and its Applications (JDCTA), ISSN : 2233-9310, Volume 10,issue 1, pp. 33-44, 2016,

<http://www.ourglocal.com/journal/?%20issn=19759339>,
<http://www.aicit.org/jdcta>

12. Dr. Pullela S.V.V.S.R. Kumar, A Novel Optimum Depth Decision Tree Method For Accurate Classification, International Journal of Control Theory and Applications, ISSN : 0974-5572, volume 9, issue 7, pp. 3359-3365, 2016,

https://serialsjournals.com/abstract/39230_33-pullela.pdf

13. "T.Veerraju, A New Protocol for Mitigate Attacks and Efficient Data Forwarding in WSN, International Journal of Computer Science Trends and Technology, ISSN:0976-8491 , Volume 7, pp 180-182, 2016,
<http://www.ijcst.com/vol74/2/40-m-padma.pdf>"
14. V.Chandra Sekhara Rao, A method based on a monolingual word alignment model, International Journal of Science Engineering and Advanced Technology , ISSN:2321-6905, Volume 4, pp 638-640, 2016,
<http://www.ijseat.com/index.php/ijseat/article/view/750/pdf>
15. K.B.R.Naidu, Big Data Analytics on Unemployment & Health Records, International journal for research in Applied Science & Engineering Technology(IJRASET) , ISSN:2321-9653, Value: 13.98, Page NO. 281-287, 2016,
<https://www.ijraset.com/fileserve.php?FID=5657>
16. G.S.N.Murthy, Classification of Textures Using Sub Patterns on 3X3 Neighbourhood, International Journal of Innovations & Advancement in Computer Science IJIACS, ISSN:2347 – 8616, 2016,
<http://academicscience.co.in/admin/resources/project/paper/f201704231492947242.pdf>
17. G.S.N.Murthy, A Novel Optimum Depth Decision Tree Method For Accurate Classification, International Journal of Control Theory and Applications, ISSN : 0974-5572, volume 9, issue 7, pp. 3359-3365, 2016,
https://serialsjournals.com/abstract/39230_33-pullela.pdf
18. A.Rama Devi, Classification of Textures Using Sub Patterns on 3X3 Neighbourhood, International Journal of Innovations & Advancement in Computer Science IJIACS, ISSN: 2347 – 8616, 2016,
<http://academicscience.co.in/admin/resources/project/paper/f201704231492947242.pdf>
19. G.RAMA KRISHNA, “A DESIGN OF DOUBLE SWASTIKA SLOT MICROSTRIP ANTENNA FOR ULTRA WIDE BAND AND WIMAX APPLICATIONS”, International Journal on Cybernetics & Informatics, ISSN (Online) : 2320 - 8430
https://www.ugc.ac.in/pdfnews/5283580_UGC-Cancelled-List.pdf
20. G.RAMA KRISHNA, “EEG AND PICTURE BASED BRAIN CONTROLLED PIC AND PLACE ROBOT FOR PARALYZED PATIENTS ”, International Journal of Research in Computer and Communication Technology, ISSN (Online) : 2278-584
https://www.ugc.ac.in/pdfnews/5283580_UGC-Cancelled-List.pdf

21. [T. Srinivas](#), [B. J. Babu](#), [G.Bheemeswara Rao](#), “TESTING AND EVALUATION OF MODIFIED DYNAMIC THRESHOLD ENERGY DETECTION ALGORITHM FOR CR SENSING APPLICATIONS ”, international journal of scientific research in science, engineering and technology, ISSN (Online) : 2394-4099

https://www.ugc.ac.in/pdfnews/5283580_UGC-Cancelled-List.pdf

22. G. VEERAPANDU, “LOCALISATION BASED GEO CAST FOR SECURITY IN WSN”, Published in International Journal of Advanced Research in Electronics, Communication & Instrumentation Engineering and Development, ISSN: 2347 -7210 ImpactFactor:1.9 Volume:3 Issue:2 Year: 20December,2016 Pages:130-135

<http://www.isrjournals.org/journal-view/localization-based-geocast-for-security-in-wireless-sensor-network>

International Conferences (Scopus/WoS)

1. T. SRINIVAS, " FAST ANEURYSM AND BLOOD VESSEL DELINEATION METHOD," International conference on applications of self computing techniques in engineering and technology-2016, 2016, doi: 25-27 OCT, 2016. OR-0072.
2. T. SRINIVAS, " ANALYSIS AND EVALUATION OF EMBEDDED HARDWARE MODULES," International Conference on Emerging multidisciplinary research and computational intelligence, doi: 15-16DECEMBER, 2016.

International Conferences

1. **P.Hemalatha**, Presented paper on “Learning Life skills through Indian Culture” in the ELT@I Triupati chapter 4th Annual International conference on Teaching English and Literature: Innovative Methods and Practices on 26th &27th August 2016
2. **J. Bala Mohan Raju**, Presented a paper on “Learning Life skills through Literature” in the ELT@I Triupati chapter 4th Annual International conference on Teaching English and Literature: Innovative Methods and Practices on 26th &27th August 2016.
3. **Y.K.S.Subba Rao**, “Impact of tamanu oil-diesel blend on combustion,performance and emissions of diesel engine and its prediction methodology”, Technological Advancements in Mechanical Engineering - 2K16(TAME-2K16), ISBN 1678-5878.

National Conferences

1. **P.S.S.R.Sujatha**, Presented a paper on “Numerical Techniques for the Traffic Sharing between two operations in a computer network” in the National seminar on “Recent Trends and Applications in Mathematics and Statistics” at P.R.G.College,Kakinada, on 28-29 September 2016.
2. **M.Srinivasu**, Presented a paper on “Hydro dynamic Marangoni Convection in a nano fluid flow with solet and dufour effects ” in the National seminar on “Recent Trends and Applications in Mathematics and Statistics” at P.R.G.College,Kakinada, on 28-29 September 2016.
3. **P.Hemalatha** , Presented a paper on “ Strategies to reduce stress and increase productivity in the life ” in the National seminar on ”Work Life Management in the Era of Globalisation”at Adikavi Nannaya university, Rajamahendravaram, A.P. 20-21 Dec.2016
4. **A.Neeraja** , Presented a paper on”. Solet & Dufour effects on MHD boundary later flow of a chemically reacting fluid past a moving vertical plate with viscous dissipation” in the National conference on “Recent trends in Mathematics and its Applications”at Sri Venkateswara University, Tirupathi, AP, India-517502, 22-23 Dec.2016.