

Aditya College of Engineering, Surampalem

Papers published/presented by Faculty in Journals/Conferences

Publications:2017-18

International Journals (SCI/WoS/Scopus)	15
International Journals (UGC Approved)	30
National Journals	-
International Conferences(Scopus/WoS)	01
International Conferences	07
National Conferences	03
Patents	-
Total	56

International Journals (SCI/WoS/Scopus)

- 1. A Ramesh**, M. Siva Kumar, O. Chandra Sekhar, “A Novel Three Phase Multilevel Inverter with Single DC Link for Induction Motor Drive Applications”, pp763-770, Vol. 8, No. 2, April 2018, International Journal of Electrical and Computer Engineering (IJECE), ISSN: 2088-8708
<http://ijece.iaescore.com/index.php/IJECE/article/view/8393/8317>
- 2. A Ramesh** , O. Chandra Sekhar , M. Siva Kumar, “A Simplified PWM Technique for Reduced Switch Count Multilevel Inverter”, Vol. 9, No. 3, March 2018, pp. 711-721, Indonesian Journal of Electrical Engineering and Computer Science, ISSN: 2502-4752
<http://ijeecs.iaescore.com/index.php/IJECS/article/view/9596/8048>
- 3. Ajay Babu B** , M. Ramalinga Raju and **K.V.S.R. Murthy**, “Optimal Capacitor Placement in Distribution System with Random Variations in Load”, 10(5) 2017, pp. 651-657, I J C T A, ISSN 0974-5572
https://serialsjournals.com/abstract/64014_ch_69_-_62_ajay_babu-new.pdf
- 4. M Ravindra**, and R Srinivasa Rao, “DYNAMIC STATE ESTIMATION WITH PMU MEASUREMENTS TO IDENTIFY BAD DATA” , Volume 114 No. 9 2017, pp 95-111, International Journal of Pure and Applied Mathematics, ISSN 1311-8080
<https://acadpubl.eu/jsi/2017-114-7-ICPCIT-2017/articles/9/10.pdf>
- 5. M. Ravindra**,R. Srinivasa Rao, , “Sensitive Constrained Optimal PMU Allocation with Complete Observability for State Estimation Solution”, pp 2240-2250, Vol. 7, No. 6, 2017, Engineering, Technology & Applied Science Research, ISSN 2241-4487.
<https://www.etasr.com/index.php/ETASR/article/view/1542/pdf>

6. **M. Ravindra** , R. Srinivasa Rao, “An upgraded binary bat algorithm approach for optimal allocation of PMUs in power system with complete observability”, International Journal of Advanced and Applied Sciences, 4(10) 2017, Pages: 33-39, ISSN 2313-3724
<http://science-gate.com/IJAAS/Articles/2017-4-10/06%202017-4-10-pp.33-39.pdf>
7. **M.Srinivasu**, Hydrodynamic Marangoni Convection in a nanofluid flow with solet and dufour effects. I.J.C.I.E.T., ISSN 0976-6316,Volume 8(8), Pp.164–171, August 2017.
http://www.iaeme.com/MasterAdmin/UploadFolder/IJCIET_08_08_018/IJCIET_08_08_018.pdf
8. **M.Srinivasu**, MHD Viscous Chemically Reacte Marangoni Convective Nanofluid Flowover a Flat Platewith Suction/Injection. I.J.C.I.E.T., ISSN 0976-6316,Volume 8(8), Pp. 1039–1045, August 2017.
http://www.iaeme.com/MasterAdmin/UploadFolder/IJCIET_08_08_110/IJCIET_08_08_110.pdf
9. **O S.S .Chandana**, Stability Indicationg RP - HPLC Method for Azilasartan Releated Substances in Solid Dosage Forms, International Journal of Research and Scientific Innovation ISSN 2321-2705,Volume 1V, Iissue XII Pp_68-75, Dec,2017
<http://rsisinternational.org/journals/ijrsi/digital-library/volume-4-issue-12/68-75.pdf>
10. GSN Murthy, A Novel Approach based on Decreased Dimension and reduced gray level range matrix features for stone texture classification, International journal of Electrical and Computer Engineering (IJECE), ISSN: 2088-8708, Volume. 7, issue. 5, pp2502-2513, 2017,
<http://ijece.iaescore.com/index.php/IJECE/article/view/8202>
11. G.S.N.Murthy, Texture Unit Pattern Approach For Stone Texture Classification, International Journal of Applied Engineering Research, ISSN 0973-4562,
<http://www.ripublication.com>
12. Dr.SVVSR Kumar Pullela, Texture Unit Pattern Approach For Stone Texture Classification, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 12, issue 24, pp. 14434-14440, 2017,
<http://www.ripublication.com>
13. S.Sai Ganesh, Texture Unit Pattern Approach For Stone Texture Classification, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 12, issue 24, pp. 14434-14440, 2017
<http://www.ripublication.com>

14. T.SRINIVAS, “A FAST AND EFFICIENT REGION BASED ANEURYSMJournal of Biology and Today's World, ISSN 2322-3308

<https://www.iomcworld.org/biology-todays-world.html>

15. T.SRINIVAS, “URDHVA TIRYAGBHYAM SUTRA MULTIPLIER BASED 32 BIT MAC DESIGN”, Published International Journal of Science Engineering and Advance Technology, ISSN: 2321-6905

<http://www.ijseat.com/index.php/ijseat>

International Journals(UGC Approved)

1. **M. RAVINDRA** , R. SRINIVASA RAO, “A Pattern Search Algorithm Approach for Optimal Allocation of PMUs considering Sensitive Bus Constraints to obtain Complete Observability” pp 273-283, Volume 2, 2017, International Journal of Mathematical and Computational Methods, ISSN 2367-895X

<https://www.iaras.org/iaras/home/caijmcm/a-pattern-search-algorithm-approach-for-optimal-allocation-of-pmus-considering-sensitive-bus-constraints-to-obtain-complete-observability#:~:text=obtain%20Complete%20Observability,A%20Pattern%20Search%20Algorithm%20Approach%20for%20Optimal%20Allocation%20of%20PMUs,Constraints%20to%20obtain%20Complete%20Observability&text=Allocation%20of%20Phasor%20Measurement%20Units,cost%20which%20is%20not%20feasible.>

2. O.Hari Krishna , **D.Tatarao**,” Advanced Grid Current Compensator For Distributed Generation Under Nonlinear Loads And Voltage Distortion “, pp 466-474, Volume 6, Issue 1 | ISSN: 2321-9939, International Journal of Engineering Development and Research

<https://www.ijedr.org/archive.php?vol=6&issue=1>

3. N.Das Jaya Raj, **P.Bala Krishna, K.Manoz Kumar Reddy**,” Analysis of Different Multilevel Converter Topologies for Photovoltaic Applications”, pp 32-38, Volume: 03, Issue No: 09, September 2017, International Journal for Modern Trends in Science and Technology, ISSN: 2455-3778.

<https://www.ijmtst.com/vol3issue9/417IJMTST030926.pdf>

4. D.Surya Teja, K.Lakshmi, K.Manoz Kumar Reddy, “Renewable Energy Resources Interfacing to Grid at Distribution Level Using Id-Iq Current Control Strategy for Power Quality Improvement”, pp 39-45, Volume: 03, Issue No: 09, September 2017, International Journal for Modern Trends in Science and Technology, ISSN: 2455-3778

<https://www.ijmtst.com/vol3issue9/418IJMTST030927.pdf>

5. Y. Vara Lakshmi, **P. Bala Krishna,**” Energy Management System to Improve Energy Harvesting with PV System for Remote Areas”pp 32-37, Volume: 04, Issue No: 02, February 2018, International Journal for Modern Trends in Science and Technology ISSN: 2455-3778
<https://www.ijmtst.com/volume4/issue2/6.IJMTST040217.pdf>
6. U P Kumar Chaturvedula , BVSSS Gopal, “Integrated Three Phase Hybrid Cascaded MLI Fed Induction Motor Drive for Energy Management in Electric Vehicles”, pp 1359-1366, Volume 5 Issue X, October 2017, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN 2321-9653
https://www.researchgate.net/publication/320668383_Integrated_Three_Phase_Hybrid_Cascaded_MLI_Fed_Induction_Motor_Drive_for_Energy_Management_in_Electric_Vehicles
7. **A.Neeraja,** Soret and dufour effects on MHD boundary layer flow of a chemical reacting fluid past a moving vertical plate with viscous Dissipation. I.J.E.R.A. ISSN:2248-9622, Vol.7, Issue 9 part-3, Pp. 80-89, September 2017
<http://acadpubl.eu/jsi/2016-109-si/8/30.pdf>
8. **O.S.S.Chandana,** Assay Method Development and Validation for Thalidomide using High Performance Liquid Chromatography. International Journal for Innovative Research in Multidisciplinary Field, ISSN2455-0620, Volume 4(5), Pp. 166–170, May 2018.
<https://www.ijirmf.com/wp-content/uploads/201805030.pdf>
9. R Srinivasu, K Vijay, “Efficiency Enhancement of Fin Tube Heat Exchanger Using New Winglet Vortex Generator”, Published in International Journal for Scientific Research & Development ISSN 2395-1052. Volume – 3 Issue -11, pp. 1133-1142, November 2017
<http://ijsart.com/Home/IssueDetail?id=18106>
10. GVA SWAMY, DVVS Bheemeshwar Reddy S, K.L.Kishore, “Heat Dissipation Analysis of Rugged System Used In Defence Applications”, Published in International Journal of Advance Research in Science & Engineering, Volume 6, Issue 8, pp. 2010-2026, August 2017
http://www.ijarse.com/images/fullpdf/1504249576_ijarse_194.pdf
11. Dr. Pullela S V V S R Kumar, A New Approach for stone Texture classification using shape features on Texton, Advances in Computational Sciences and Technology (ACST), ISSN: 0973-6107, Volume 10, issue 3 , pp. 363-378, 2017,
https://www.ripublication.com/acst17/acstv10n3_04.pdf

12. Dr.B.Annapurna, Computational Regression Analysis on a Dataset of Journals to Evaluate H – Index, International Journal of Research in Electronics and Computer Engineering (IJRECE), ISSN: 2348-2281, Volume 6, ISSUE 1, page no.430 - 433, 43160
<http://nebula.wsimg.com/f3ed9d04b71a2ab3971bb717045a0559?AccessKeyId=DFB1BA3CED7E7997D5B1&disposition=0&alloworigin=1>
13. V.Bala Sankar, Crowd-Sourcing For Societal GIS with Open Data Kit Indian Perspective, International Journal of Innovative Research in Science,Engineering and Technology, ISSN: 2319-8753, Vol. 6, Issue 7, pp12719-12726, 2017,
http://www.ijirset.com/upload/2017/july/38_IJIRSET_Paper_Final%20update%20on%2011-07-17%20afternoon.pdf
14. GSN Murthy, A New Approach for stone Texture classification using shape features on Texton, Advances in Computational Sciences and Technology (ACST), ISSN: 0973-6107, Volume 10, issue 3 , pp. 363-378, 2017,
https://www.rpublication.com/acst17/acstv10n3_04.pdf
15. GSN Murthy, An effective stone Image classification using surface patterns based on Reduced Dimension and Gray Level Range Model, International Journal of Advanced Research in Computer Science (IJARCS), ISSN: 0976-5697, Volume 8, issue 5, pp1758-1765, 2017,
<http://www.ijarcs.info/index.php/Ijarcs/article/view/3804/3610->
16. T.VEERRAJU, A Study On Fog Computing based IOT Environment:Security Issues And Challenges, International Journal of Current Advanced Research, ISSN 2319-6475, Volume 6, Issue 12, Page No.8139-8144, 2017,
<https://www.journalijcar.org/sites/default/files/issue-files/5011-A-2017.pdf>
17. S.Sai Ganesh, A Study On Fog Computing based IOT Environment:Security Issues And Challenges, International Journal of Current Advanced Research, ISSN 2319-6475, Volume 6, Issue 12, Page No.8139-8144, 2017,
<https://www.journalijcar.org/sites/default/files/issue-files/5011-A-2017.pdf>
18. G.S.N.Murthy, A Study On Fog Computing based IOT Environment:Security Issues And Challenges, International Journal of Current Advanced Research, ISSN 2319-6475, Volume 6, Issue 12, Page No.8139-8144, 2017,
<https://www.journalijcar.org/sites/default/files/issue-files/5011-A-2017.pdf>
19. T.VEERRAJU, Association Rule Mining Through PNTH for Web Recommendations, International Journal of Computer Technology & Applications, ISSN: 2229-6093, Volume 8, Issue 6, 658-665, 2017,
<http://www.ijcta.com/documents/volumes/vol8issue6/ijcta2017080605.pdf>

- 20.** S.Sai Ganesh, Association Rule Mining Through PNTN for Web Recommendations, International Journal of Computer Technology & Applications, ISSN: 2229-6093, Volume 8, Issue 6, 658-665, 2017,
<http://www.ijcta.com/documents/volumes/vol8issue6/ijcta2017080605.pdf>
- 21.** G.S.N.Murthy, Association Rule Mining Through PNTN for Web Recommendations, International Journal of Computer Technology & Applications, ISSN: 2229-6093, Volume 8, Issue 6, 658-665, 2017,
<http://www.ijcta.com/documents/volumes/vol8issue6/ijcta2017080605.pdf>
- 22.** M.VENKATESWARLU “MCM BASED DIGITAL FILTER FOR AUDIO APPLICATIONS”, International Journal Of Research, [Vol 4, No 17 \(2017\)](#) , ISSN (Online) : 2348-6848
<https://internationaljournalofresearch.com/>
- 23.** G. VEERAPANDU, “DESIGN AND IMPLEMENTATION OF REAL TIME WIRELESS”, International Journal of Engineering Research in Computer Science and Engineering, ISSN: 2394-2320
<http://ijercse.com/>
- 24.** G. VEERAPANDU, “LOW POWER VARIATION TOLERANT NON VOLATILE LOOKUP TABLE DESIGN”, International Journal Of Research, ISSN: 2348-6848
<https://internationaljournalofresearch.com/>
- 25.** M.RAGHUNATH, “INTEGRATED SMART HOME MANAGEMENT AND SECURITY SYSTEM BASED ON WIRELESS VIDEO STREAMING USING INTERNET OF THINGS”, Published in International Journal of Mechanical Engineering and Computer Applications, ISSN: 2320-6349
<https://journals.indexcopernicus.com/search/details?id=31738>
- 26.** B.PRAVEEN KUMAR, “DESIGN AND IMPLEMENTATION OF SWARM ROBOTICS FOR LOAD CONTROLLING APPLICATIONS”, Published in International Journal of Science Engineering and Advance Technology, ISSN: 2321-6905
<http://www.ijseat.com/index.php/ijseat>
- 27.** B.PRAVEEN KUMAR, “DESIGN AND IMPLEMENTATION OF SWARM ROBOTICS FOR LOAD CONTROLLING APPLICATIONS”, Published in International Journal of Science Engineering and Advance Technology, ISSN: 2321-6905
<http://www.ijseat.com/index.php/ijseat>

28. B.PRAVEEN KUMAR, “DESIGN AND IMPLEMENTATION OF SWARM ROBOTICS FOR LOAD CONTROLLING APPLICATIONS”, Published in International Journal of Science Engineering and Advance Technology, ISSN: 2321-6905

<http://www.ijseat.com/index.php/ijseat>

29. B.PRAVEEN KUMAR, “AN EVOLUTIONARY APPROACH FOR THE GENERATION OF TIME TABLE USING PYTHON PROGRAMMING”, International Journal of Research in Computer and Communication Technology (IJRCCT), ISSN: 2320-5156

<http://www.ijrcct.org/index.php/ojs/article/view/1593>

30. M.RAGHUNATH “AN EVOLUTIONARY APPROACH FOR THE GENERATION OF TIME TABLE USING PYTHON PROGRAMMING”, International Journal of Research in Computer and Communication Technology (IJRCCT), ISSN: 2320-5156

<http://www.ijrcct.org/index.php/ojs/article/view/1593>

International Conferences (Scopus/WoS)

1. G.RAMA KRISHNA, “MICROSTRIP ANTENNA EMBEDDED WITH CIRCULAR SPLIT RING RESONATOR FOR WLANAPPLICATIONS” ,IEEE CONFERENCE, I-PACT2017.

International Conferences

1. **M.Srinivasu**, Presented a paper on” Ohmic Heating Effects on a Marangoni Mixed Convection Boundary Layer Nanofluid Flow” *in the International Conference on Advances in Mathematical Sciences* . 1st to 3rd December 2017, VIT University, Vellore - 632014
2. K.Siva koteswara Rao, “Experimental investigation for optimal combination of tool and machining parameters for machining Titanium TI-6AL-4V using CBN inserts with RSM method”, 10th International Conference on Science, Technology and Management (ICSTM-17).
3. M.Sarat chandra prasad, “A critical review on Syntactic Foam-The Future Material”, 10th International Conference on Science, Technology and Management (ICSTM-17), ISBN 978-93-86251-46-6.
4. G.V.A Swamy, “Design and Optimization of Heavy vehicle leaf Spring”, 10th International Conference on Science, Technology and Management (ICSTM-17), ISBN 2349-7408 .

5. T. SRINIVAS, " A FAST AND EFFICIENT REGION BASED ANEURYSM SEGMENTATION MODEL FOR MEDICAL IMAGE SEGMENTATION," INTERNATIONAL CONFERENCE ON SMART TECHNOLOGIES IN COMPUTERS AND COMMUNICATIONS , doi: MARCH 27-29, 2017,
6. M.VENKATESWARLU, " MEDICAL IMAGE SEGMENTATION USING FUZZY CLUSTERING ALGORITHM National conference on emerging trends in electronics and communication engineering, doi: 20-21, JAN, 2017,
7. G.RAMA KRISHNA, "DESIGN OF PROBE FEED PATCH ANTENNA IN S-BAND FOR WEATHER RADAR APPLICATIONS" National conference on emerging trends in electronics and communication engineering ,DOI: 20-21, JAN, 2017

National Conferences

1. M.Sarat chandra prasad, "Extraction and testing of bio diesel from ground nut oil", Technological Advancements in Mechanical Engineering - 2K16(TAME-2K16), ISBN 978-93-85100-57-4.
2. M.Sarat chandra prasad, "Extraction of bio diesel from vegetable oils:A promising alternative fuel a critical review", Renewable Energy Technology : Future Opportunity And Challenges for india(RET: FOAC-2017), ISBN 978-93-86256-57-7.
3. SIDDAM RAMBABU, "Heat transfer through helical coil tube heat exchanger with rib section", Nascent Technologies in Mechanical Engineering for Sustainable Research(NTMESR-17), ISBN 1678-5878.