

Vishnu Institute of Technology (Autonomous) VISHNUPUR: BHIMAVARAM

- 1. Kasi Viswanadh V. Kanuri, **R. Suryanarayana** and K.N. Murty , Existence Of -Bounded olutions for Linear Differential Systems on time scales, Journal of Mathematics and Computerolutions for Linear Differential Systems on time scales, Journal of Mathematics and Computer Science (JMCS)20(2019), issue 1, 1-13, doi ={10.22436/jmcs.020.01.01}, ISSN 2008- 949X. Impact Factor: 0.00 (WOS & SCOPUS). International.
- 2. **D. Vijaya Lakshmi** and N. Krishna Mohan Raju, Revolution in Manifesto Preparation– A Need of the Hour is published in International Journal of Scientific Research Vol. 9issue 5, May 2019. Impact Factor: 6.03 (GOOGLE SCHOLAR).
- 3. P.Rajasekhara Rao, K.Venkataratnam and **M.S.R.Murthy**, Predictive Dynamics of Infectious Diseases- A New Technique, World Journal of Modelling and Simulation, Vol. 15, Issue 2, May 2019. Impact factor: 0.28, (SCOPUS)
- 4. **M.S.R.Murthy**, K.Srinivasa Rao, V.Ravindranath and P.SrinivasaRao, Multi Node Tandem Queuing Model with Bulk Arrivals Having Geometric Arrival Distribution, International Journal of Recent Technology and Engineering, Vol.8, Issue 3, September 2019. Impact factor: 5.92, (SCOPUS).
- 5. **B.Tirumala Rao** and Sandhya Cole, -Structural Studies of V_2O_5 Doped Zinc Alumino Lithium Borate Glasses, RASĀYAN Journal of Chemistry, 12(3). 2019. (Scopus) Impactfactor: 1.22
- 6. **PushpalathaMamidi,** R. Subba Rao, R.N.V. Jagan Mohan, Software Reliability Growth Model Based on Inverse half Logistic Distribution, International Journal recent Technology and Engineering, 8 1S3, 298-301 (SCOPUS).
- 7. **Rama Swamy G**, Jasmine K, Suresh Babu R., Vijaya Kumar N and Sai Durga Prasad S Some studies of Physico chemical parameters in Aqua Pond waters at Vempa, Bhimavaram, AP, India, Journal of Emerging Technologies and Innovative Research, volume 6, Issue 6,June 2019. Impact Factor: 5.87, Google Scholar.
- 8. D. Vijaya Lakshmi and **G. Ramaswamy**, -Engineering Education: Redefining the Roles of the Teacher||, International Journal of Innovative Research and Studies, IX(I),2019, pp 17-21. (UGC Approved) Impact Factor:5.5, Google Scholar
- 9. **V. Rama Devi**, -Sustaining the Web of Life||, International Journal of Research (IJR), VIII(I), pp. January 2019. UGC Approved
- 10. **D. Vijaya Lakshmi and G. Ramaswamy,** -Engineering Education: Redefining the Roles of the Teacher||, International Journal of Innovative Research and Studies, IX(I), 2019, pp 17-21. (UGC Approved)

- 11. **D. Vijaya Lakshmi** and Ch.Rupajhansi rani, -Incessant Escalation in the Translation of Indian and Latin American Literatures||, UGC Journal named Review of Research, International Multidisciplinary Online Journal, Vol.(issue), pp 65-70.,2019.
- 12. **B.Tirumala Rao**and Sandhya Cole, -Structural Studies of V₂O₅ Doped Zinc Alumino Lithium Borate Glasses, RASĀYAN Journal of Chemistry, 12(3), pp51-58. 2019. (Scopus indexed)

FACULTY PUBLICATIONS (CE): 2019

JOURNALS:

13. **S.K.Alisha, K.Suseela,** Investigation on Strength and Durability of Concrete by Partial Replacement of GGBS in Cement, IJSRD,pp482-486 google scholar, impact factor 4.39

FACULTY PUBLICATIONS (CSE): 2019

JOURNALS:

- 14. **Shaik Mahaboob Hussain**, Intramural Analysis of Block-Chain, International Journal of Knowledge based Computer systems Vol.-7 Issue-1 published 2019, pp-25 32, ISSN 2321-5623. [Google Scholar]
- 15. **B.V.Prasanthi**, "Instructional Strategies for Different Learning Styles: A Study " in SPC Journal of Education, Volume 2,Issue No 1 in August 2019 [Google Scholar]
- 16. **Divya.L**, —Skin Lesion Analysis Toward Melanoma Detection with Deep Neural Networks||, Journal of Emerging Technologies and Innovative Research (JETIR), 6(6),2019, ISSN:2349-5162.
- 17. **Prasanthi,B.V.** Classroom Assessment Methods and Tools: A Review, International Journal of Research and Analytical Reviews. 6(2), pp.94-97, 2019. [UGC approved]
- 18. Narasimha Raju,P.V, **Bhargav Kiran, B.**A novel approach on convolutional neuralnetwork for face based age and gender recognition, International Journal of Researchin advent Technology, 7(5), pp 642-646, 2019.
- 19. **Ponnada, Sreenu**, Srinivas Yarramalle. —Object Identification to Assist Visually Challenged. International Journal of Engineering and Advanced Technology (IJEAT), 8(4),pp 1033-1039 2019. [Scopus]

Conference

20. **S. R. Rudraraju**, N. K. Suryadevara and A. Negi, "Face Recognition in the Fog Cluster Computing," 2019 IEEE International Conference on Signal Processing, Information, Communication & Systems (SPICSCON), Dhaka, Bangladesh, 2019, pp. 45-48, doi: 10.1109/SPICSCON48833.2019.9065100. [Google Scholar]

21. S. R. Sahith, **S. R. Rudraraju**, A. Negi and N. K. Suryadevara, "Mesh WSN Data Aggregation and Face Identification in Fog Computing Framework," 2019 13th International Conference on Sensing Technology (ICST), Sydney, Australia, 2019, pp. 1-6, doi:10.1109/ICST46873.2019.9047708. [DBLP] [Springer] [Google Scholar]

FACULTY PUBLICATIONS (ECE): 2019

JOURNALS:

- 22. **M. Vamsi Kumar, K.V. Satyanarayana, Addanki Purna Ramesh,** DesignofKuBand Microstrip Patch Antenna Array for Satellite Applications, International Journal ofRecent Technology and Engineering, 2019. (SCOPUS)
- 23. **D. Manaswi, G. Srilakshmi, K. Kiran**, Implementation of Low-Power Built in Test Compression Capabilities in Programmable PRPG, International Journal of Advanced Science and Technology(IJAST),28(16), pp.641-650,2019. (SCOPUS)
- 24. **Addanki Purna Ramesh, Manukonda Dheeraj**, Dual Image Signature Method using DWT and SVD in YCbCr Colour Space, International Journal of Innovative Technology and Exploring Engineering (IJITEE), 9(1), pp.1471-1476, 2019.(SCOPUS)
- 25. **P. Sivananthamaitrey**, V.VenkataKrishna, **Addanki PurnaRamesh**, P.Satyanarayana Murty, "A Dual Security Scheme Based On DWT for Personnel Authentication", International Journal of Engineering and AdvancedTechnology,9(1),pp.598-602, 2019 (SCOPUS)
- 26. **D. Manaswi**, Vijaya Durga Ravva, Swapna Thouti, "Implementation Of Low Power Optimizing CheinSearch UsageintheBCHdecoder", InternationalJournalofinnovative technology and exploring engineering, 8(12), pp.1401-1405,2019. (SCOPUS)
- 27. **Rahaman Shaik Abdul, Ch.V.V.S.Srinivas**, **K.Kiran**, Electronic Assistance for Paralysed Using EyeBlink Detection, International Journel of Engineering Research And Applications, 9(8), pp.63-69, 2019... (UGC Approved)
- 28. P. H. S. Prudvi Raju, **B. V. V. Satyanarayana, Addanki Purna Ramesh**, Strategic Development of Low Power High Speed SRAM Array Design, International Journal of Engineering and Advanced Technology,8(6),pp.4280-4285,2019..(SCOPUS)
- 29. **Ch.V.V.S.Srinivas, A.K.Chaitanya Varma**, Android App Based Circuit BreakersControlling For Lineman Safety, International Journal of Management, Technology And Engineering, 9(9), pp.231-241,2019.(UGC Approved)
- 30. **Addanki Purna Ramesh**, Implementation of Low Power Carry Skip Adder using Reversible Logic, International Journal of Recent Technology and Engineering, 8 (3), pp. 2825-2832, 2019, (SCOPUS)

- 31. **Addanki Purna Ramesh**, Implementation of LowPower High Speed Adder'susingGDI Logic, International Journal of InnovativeTechnologyand ExploringEngineering, 8(11), pp.1291-1298, 2019.(SCOPUS)
- 32. **CH.V.V.S.Srinivas, M. V. R. V. Prasad, M. Sirisha**, "Remote Sensing Image Segmentation using OTSU Algorithm", International Journal of Computer Applications (0975 –8887), Volume 178 No. 12, pp.46-50, May 2019. (UGC Approved)
- 33. **A.K.C.Varma, M.V.R.V.Prasad**, A.Madhvi, "Vehicle Number Plate Detector", International Journal of Computer Applications (0975 –8887), Volume 178 No. 13, pp.12-15, May 2019. (UGC Approved)
- 34. **R.Bharat Kumar, CH. V. V. S. Srinivas, Abdul Rahaman Shaik**, "Image Forensic Analysis And Recognition In Copy-Move Using Bag Of Features And Svm", International Journal of Engineering Trends and Technology (IJETT) Volume 67 Issue 5, pp.1-6, May 2019. (UGC Approved) .(UGC Approved)
- 35. Prasanthi Boyina and **M.K.V.Subba Reddy**, "An Efficient Area And Delay Reduction For Architecture of 512 Bit Carry Select Adder", International journal of management, technology and engineering. 9(4), pp. 3174-3179, March 2019. (UGC Approved)
- 36. M.Gopi Sridhar and **K,V.Satyanarayana**, "Interference suppression in wireless communications by adaptive beam forming algorithm and windows" International Journal of Engineering & Technology (UAE), 8(3), pp. 335-338, 2019.(SCOPUS)
- 37. **K.Kiran, M.V.R. V. Prasad and M. Sirisha** ,"ReductionofNoiseinWirelessDevices" International of computer applications. Volume 181, No. 44, pp. 50-53, March, 2019. (UGC Approved)

CONFERENCES:

- 38. **Ravi Varma K** and **N. Padmavathy**, Electromagnetic Pollution Index Estimation of Green Mobile Communication, 2nd IEEE International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICICT) ,pp. 59-63, 2019. (SCOPUS)
- 39. **Bhagyasri G** and **G Prasanna kumar**, PSN Murthy, "Under water Image Enhancement Using SWT Based Image Fusion and Colour Correction" IEEE International Conference on Intelligent Computing and Control Systems (ICICCS- 2019), May-2019. (SCOPUS)
- 40. **K.Ramesh Chandra, B.Prudhvi Raj, G.Prasannakumar**, "An Efficient Image Encryption Using CHAOS Theory, IEEE International Conference on Intelligent Computing and Control Systems (ICICCS-2019), May-2019. (WOS)
- 41. **Padmavathy N, A. Satya Sri Vani**, "Effect of Network Parameters on Hop Count Estimation of Mobile Ad Hoc Network", Third IEEE International Conference on Electrical, Computerand Communication Technologies (IEEE ICECCT 2019), pp. 1-8 2019. (SCOPUS)

BOOKCHAPTERS:

- 42. **N Padmavathy, K.Anusha**. "Dynamic Reliability Evaluation Frame work for Mobile Ad-Hoc Network with Non-Stationary Node Distribution", Communication and Computing Systems, Taylor and Francis, pp.333-342, 2019 (SCOPUS)
- 43. **Padmavathy N,** An Efficient Distance Model for Estimation of the Mobile Ad HocNetworkReliability, Inproceedingsof International conferenceon Intelligent Computingand Communication Technologies, Springer Nature Singapore Pte Ltd. 2020,ICICCT2019 System Reliability, Quality Control, Safety, Maintenance and Management, pp.65-74, 2019. (SCOPUS)
- 44. **Rama Krishna Ch, Ch.Prabhu Anand and D.Durga Prasad** "Design Of S-Shaped Micro-Strip Patch Antenna for Ka Band Applications" In proceedings of International conference on Intelligent Computing and Communication Technologies, Springer NatureSingapore Pte Ltd. 2020,ICICCT 2019 System Reliability, Quality Control, Safety,Maintenance and Management, pp.260-268, https://doi.org/10.1007/978-981-13-8461-5_29, 2019. (SCOPUS)

BOOKS:

45. **K.Sonisharmila,K.RameshChandra**, "Computer Graphics", Notion Press, India, ISBN:978-1-68466-944-8, Pages: 262, 2019

FACULTY PUBLICATIONS (EEE): 2019

JOURNALS:

- 46. **S. Pragaspathy** and B. Anand, "An Experimental Validation on Adaptive Controllers in Tracking and Smoothening of Wind Power for a Variable-Speed System", Journal of Testing and Evaluation, vol. 47, no. 4 pp. 2405-2434, 2019 (SCOPUS)
- 47. **G. S. Babu** and T. Chiranjeevi, "Synthesis and Application of Ceo2 and Zro2 nanoparticles for enhancement of dielectric strength of transformer oil", International Journal of Innovative Technology and Exploring Engineering, vol. 8, no. 9, pp. 593- 595, 2019.(GS)
- 48. K. Kumar, M. Bhattacharya, **S. Garlapati** and S. Banerjee, "Impact of Gallium Nitride Semiconductor Devices in Tri-state Boost Converter," 2019 IEEE International Conference on Sustainable Energy Technologies and Systems (ICSETS), 2019, pp. 292-296, doi: 10.1109/ICSETS.2019.8744791.(SCOPUS)

FACULTY PUBLICATIONS (IT): 2019

CONFERENCES:

49. Kumar, P.S.V.V.S.R., **Kumar, D.J.N.**, Madhuri, N., Ramadevi, A. (2019). Local Ternary Pattern Alphabet Shape Features for Stone Texture Classification. In: Panda, G., Satapathy, S., Biswal, B., Bansal, R. (eds) Microelectronics, Electromagnetics and Telecommunications. Lecture Notes in Electrical Engineering, vol 521. Springer, Singapore.(GS)

FACULTY PUBLICATIONS (ME): 2019

IOURNALS:

- 50. GSD Prasad, GD Ray, **M Venu**, Accreditation of Self-Financing Technical Institutions in India: A New Perspective to Improve Quality, Journal of Engineering Education Transformations, Volume 32, Pg 48-55, April 2019, google scholar https://doi.org/10.16920/jeet%2F2019%2Fv33i2%2F137422
- 51. Anantha Gopal, C. Naga Bhaskar, **Ch.Naveen Kumar**Cfd Analysis Of A3D Convergent Divergent Nozzle Using Ansys Fluent, International Journal of Research Volume VIII, Issue VI, JUNE/2019, google scholar, paid.

CONFERENCES:

- 52. **K Anupama Francy**, Ch Srinivasa Rao, P Gopala krishnaiah Optimization of direct extrusion process parameter on 16MnCr5 and AISI1010 using DEFORM-3D, Procediain Manufacturing, Dec 2108, Scopus https://doi.org/10.1016/j.promfg.2019.02.070
- 53. **K Anupama Francy**, Ch Srinivasa Rao, P Gopala krishnaiah Process Parameter Optimization of Cold Forward Direct Extrusion of Al6063 alloy using DEFORM3D, proceedings of ETME-2019, 9-10 Jan 2019.

BOOKCHAPTERS:

54. **Ramu,M.RaghuramanK.V.G.R.Seshu**,Vibration Response of Sandwich Beam with Viscoelastic Core and FGM Face Sheets Using Finite Element Method, Emerging Trends in Mechanical Engineering, Lecture Notes in Mechanical

Engineering. Springer, pp. 377-386, 2019, Scopus, IF=0.55, https://doi.org/10.1007/978-981-32-9931-3_37

- 55. **M.Raghuraman,I.Ramu**,Image Correlation Technique for Slope and Curvature of a Cantilever Beam Using Light Intensity,Emerging Trends in Mechanical Engineering, Lecture Notes in Mechanical Engineering. Springer, pp 539-547, 2019, Scopus,IF=0.56https://doi.org/10.1007/978-981-32-9931-3_52
- 56. **Bhanuprakash Chebrolu**, Manjunath Taredahalli Shanmukappa, Integration of Grid Tie Solar Energy Using Bidirectional Meter for Electrical Power and to the Utility Power Grid "IJIEMR Transactions, Volume08, Issu 12, Pages:172–178. http://www.ijiemr.org/downloads.php?vol=Volume-08&issue=ISSUE-12