

Vishnu Institute of Technology (Autonomous) VISHNUPUR: BHIMAVARAM

FACULTY PUBLICATIONS (BS): 2017

JOURNALS:

- 1. **M.Pushpalatha,** R.Subba Rao, R.R.L.Kantam, K.M.Ganesh.Parametric Estimation for Inverse Half Logistic Distribution Based on Type II Censored Samples. Global Journal of Pure and Applied Mathematics, 13(4), 1-6, 2017..(Scopus, Mathematical Reviews, MathSCiNet, Zentelblatt Math & EBSCO databases, ICI, Index Copernicus)
- 2. **B.Tirumala Rao**, Vijayababu K, Rajesh Yadav M, RupaVenkateswara Rao andSandhyaCole.Structural Studies of Cu²⁺ Doped ZincAlumino Lithium Borate Glasses. International Journal of Science and Innovative Engineering & Technologyissue volume 2, 6-9,2017.
- 3. **K.Venu Gopal**, P.Sridhar Rao. Impact of Foreign Direct Investment on Foreign Trade. International Journal of Academic Research, 4(2), 30-35, 2017.
- 4. **M.Pushpalatha,** R.SubbaRao and R.R.L.Kantam. Time Control Chart for Two Inverted Models. International Journal of Engineering & Technology, 7(3.31), 133-135, 2017.
- 5. R.Subba Rao, **PushpaLathaMamidi**, R.R.L. Kantam. Discrimination between Two Inverted Distributions. i-manager's Journal on Mathematics, 5(3), 27-31, 2017. (Proquest, Google Scholar, Ulrich's Web, Indian Citation Index, World Cat)
- 6. R.Subba Rao, **PushpaLathaMamidi**, R.R.L. Kantam. Modified Maximum Likelihood Estimation: Inverse Half Logistic Distribution. i-manager's Journal on Mathematics, 5(4),11-19, 2017. Proquest, Google Scholar, Ulrich's Web, Indian citation index, world cat)

FACULTY PUBLICATIONS (CE): 2017

JOURNALS:

7. **G. Reddy Babu,** Durability of Portland Slag Cement Mortar Made with Non Potable Water, published in International Journal of Advance Engineering and Research Development (IJAERD), Vol. 4, Issue. 8, 2017 ((Thomason Reuters and UGC Approved No:44839). ISSN: 2348-4470(e), pp.2348-640

- 8. **G. Reddy Babu**, Durability of Mortar Made with Non Potable Water with Lime, published in International Journal Innovation Science, Engineering & Technology (IJISET), Vol. 4, Issue. 8, 2017, ((Thomason Reuters and UGC Approved No: 4798 and 48287), ISSN:2348-7968
- 9. **G. Reddy Babu,** Use of Sludge and Treated Domestic Wastewater in Clay Bricks, published in International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 5, Issue. 9, 2017, ((Thomason Reuters and UGC Approved No:44382). ISSN:2321-9653(e),
- 10. **G. Reddy Babu,** Use Of Treated Domestic Wastewater In Clay Bricks, published in Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 4 Issue 9, September, 2017. (H-Index, UGC Approved No: 63975) ISSN:2349-5162.
- 11. **G. Reddy Babu,** Durability of Clay bricks Made with Sludge and Treated Domestic Wastewater, published in International Journal of Current Advanced Research(IJCAR), Vol. 6 Issue 8, Aug, 2017. (UGC Approved No: 43892) ISSN(e): 2319-6475, (P): 2319-6505
- 12. **G. Reddy Babu,** Durability of Mortar made with Outlet water of water treatment plants with lime, published in International Journal of Engineering Sciences & Research Technology(IJESRT), Vol.6 Issue 10,Oct,2017.(H-Index, UGC Approved No:48486) ISSN:2277-9655
- 13. **VVS.SARMA**, **SK.S.ALISHA**, exposure effect of mgso4 and hcl on strength properties of ceramic waste powder by partical replacement with cement, IJIRST,pp.9-16, (Google scholar)
- 14. **P.ROHITH,** Shanagonda Akhila, T.Narsimha Rao experimental study on admixtures, IRJET, pp.423-424 (Google scholar)

- 15. **G.Reddy Babu,** B. Madhusudana Reddy, N. Venkata Ramana, "Experimental Study on Feasibility of Non Potable Water With Lime on Properties of PPC" Published in IOP Conference Series: Materials Science and Engineering, Volume 225, No: 012271 (2017) (SCOPUS and UGCApproved) ISSN: 1757-899X.
- G. Reddy Babu, Effect of wastewater on properties of Portland Pozzolana Cement, published in American Institute of Physics (AIP) Conference proceedings, Volume 1859, No; 020103 (2017) (SCOPUS, and UGC Approved) ISSN:978-0-7354-1533-1
- 17. **G. Reddy Babu,** G Madhav Kumar, An Eco Friendly Solution to the Food Waste Disposal, published in American Institute of Physics (AIP) Conference proceedings **1859**, **020068** (**2017**) (SCOPUS, and UGC Approved) ISSN:978-0-7354-1533-1)
- 18. **G. Reddy Babu**, Reuse of wastewater in Portland Slag Cement, published in International Conference on Global Civil Engineering Challenges in Sustainable

Development and Climate Change (ICGCSC-2017) held on 17th and 18th, March, 2017, Mangalore Institute of Technology & Engineering, Mangalore, Karnataka, India. ISBN:978-93-5267-355-1

FACULTY PUBLICATIONS (CSE): 2017

JOURNALS:

- 19. **Prasanthi,BV., Prathyusha, Kanakam and Mahaboob Hussain, S.** Cyber Forensic Science to Diagnose Digital Crimes-A study, International Journal of Computer Trendsand Technology. 50(2),pp 107-113,2017. [Google Scholar]
- 20. **Prasanthi, B, V and Sridevi, Bonthu**. Resisting Cyber-attacks in Digital Banking using Visual Cryptography, International Journal of Computer Sciences and Engineering. 5(10). pp 358-362,2017. [UGC Approved] [Google Scholar]
- 21. Sindhu Latha Sree, Bonam. and **Durga Rao, M.V**. Approach for Mpr Selection in Olsr Protocol Using Imaginary Nodes. International Journal of Research. 4(8), pp782-785, 2017.
- 22. **Abhinav Dayal**. Improving Adaptive Frameless Rendering. International Journal of Computers and Applications. 40(2), pp 110-120,2017. [Taylor and Francis] [Scopus]
- 23. **Bonthu, S., Prasanthi, B. V. and Himabindu, K**. Automation of Pre-processing of Students Data. Indian Journal of Computer Science and Engineering.8(3),pp 241-245,2017.[Google Scholar].
- 24. Parantalu V. and **Bhargav Kiran K**. Credit card Fraud Detection using Predictive Modeling: a Review. International Journal of Innovative Research in Technology. 3(9),pp 53-58,2017.[Google Scholar].
- 25. **Divya L., Veenadhari, L. and Suryanarayana, D.** Application of FogComputingin Military Operations. International Journal of Computer Applications. 164(6),pp 10-15,2017. [Google Scholar].
- 26. **Bhargav Kiran K**. Progressive and Scalable Approaches for Duplicate Detection in High Data Amounts. International journal professional engineering studies. 8(1),pp 291-296,2017. [Google Scholar].

CONFERENCES:

27. **Prathyusha, Kanakam.,Mahaboob Hussain,S.**, Chakravarthy, A. S. N.Cogno-Detective System for Body Odor Sensing. IEEE International Conference on Computational Intelligenceand ComputingResearch.2017. [Publish in: IEEE Xplore] [SCOPUS]

- 28. **Mahaboob Hussain,S.,Prathyusha, Kanakam., and Suryanarayana.D.** Forensics Data Analysis for Behavioral Pattern with Cognitive Predictive Task.International Conference on Next Generation Computing Technologies. 827, pp 549-557,2017.[SCOPUS,DBLP]
- 29. Mahaboob Hussain,S., Prathyusha, Kanakam., and Suryanarayana.D. A Prototype for Semantic Knowledge Retrieval from Educational Ontology using RDF and SPARQL. International Conference on Advanced Computing and Intelligent Engineering. pp.549-557,2017.[SCOPUS,DBLP]
- 30. Suryanarayana, D., Hussain, S., Kanakam, P., and Gupta, S. Natural Language Query to Formal Syntax for Querying Semantic Web Documents. Advances In Intelligent Systems And Computing. 64, pp 631-637,2017. [EI, DBLP, SCOPUS]
- 31. Babu, Y., Kumar, T., Swamy, M., and Rao, M. Defended protocol for artless wireless Ad Hoc networks formation. International Conference On Big Data Analytics And Computational Intelligence. pp 230-234, 2017. [Google Scholar]

BOOKS

32. **HimaBindu,K**. Strategic Poly semantic Search for Web Mining. LAMBERT Academic Publishing, Germany. 2017. [Scopus]

FACULTY PUBLICATIONS (ECE): 2017

- 33. **Sony P, K.Kiran, R. Bharat Kumar**, "Latent Finger Print Matching using FFT and DCT", International Journal of Computer Applications, 178(6), pp. 27-31,2017. [Google scholar]
- 34. **A.Naga Ganesh**, M.Bhaskar, "High Speed Synchronization Of On-Chip Interconnect Transceiver Using Mixed Delay Locked Loop", Suraj Punj Journal For Multidisciplinary Research, 7(11), pp.127-131, 2017. [Google scholar]
- 35. **Satyanarayana B.V.V** and M Durga Prakash, "Analysis of Heterojunction Tunneling Architectures for Ultra-Low Power Applications," PONTE International Journal of Sciences and Research, 73(10), pp. 96-107, 2017. (SCOPUS)
- 36. Sirisha M, **G.Prasanna Kumar**, **P.S.N.Murty**, "Restoration of Color Images using Image Integration based on SURF Features", International Journal of Computer Applications, Volume 174(6), pp. 31-34, 2017. [Google scholar]
- 37. Murthy S.V.S.N,B.V.V.Satyanarayana, CH.V.V.S.Srinivas and A.K.C.Varma;

- MobiletoMobileWirelessPowerTransferTechnology",InternationalJournalofCurrent Research, 9(9), pp.57020-57023, 2017. [Google scholar]
- 38. Vani V, **P.S.N.Murty**, "Data Hiding Scheme Using DWT and SVD Encryption", International Journal of Research in computer and communication Technology, 6(8), pp.251-255, 2017. [Google scholar]
- 39. **Sony Polumatla**, Koteswara Rao. M, **Ch. Divya Susmitha**, "Latent Fingerprint Matching Supported Texture Descriptor Mistreatment Though Transform", International Journal for Modern Trends in Science and Technology, 3(7), pp. 325-328, 2017. [Indexed by Thomson Reuters, Elsevier], [Google scholar]
- 40. **Subba Reddy M.K.V, A.M.V.Pathi, D.Durga Prasad**, "Self-Testing Techniques for Crypto Devices in HDL Description", International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC),5(7),pp. 745- 748, 2017. [Indexed by Thomson Reuters], (UGC Approved) [Google scholar]
- 41. Prasanthi K, **K.V. Satyanarayana**, "MIMO Antenna Selection Using Binary Search Algorithm", International Journal of Scientific Research And Education, 5(7), pp.6793-6803, 2017. [Google scholar] (Paid)
- 42. Lakshmi Narayana T, **D.Manaswi**, A. Vanaja, K. Srinivasa Rao, "A Novel Series SPSTRF MEMS Switches with High Isolation and Low Actuation Voltage", Journal of Mechanics and MEMS, 9(1),pp.117-125, 2017.(SCOPUS)
- 43. Sai Ramya B, M.Ramya, G. V. Sri Sailatha, B. Venkata Sai Kishan, **D.Manaswi**, A.Vanaja, K. Srinivasa Rao, "Design and Analysis of Folded Leg Structured RF MEMS Capacitive Shunt Switch", Journal of Mechanics and MEMS, 9(1),pp.107-115, 2017. (SCOPUS)
- 44. D. Ramesh Varma, K. Pavan Raju, M. V. R. V Prasad, "Texture Synthesis using Energy Compaction Property of Different Transforms", International Journal of Computer Applications, 167(8), pp. 16-19, 2017. [Google scholar] (Paid)
- 45. **M.** Hemalatha and R. Ashok Chaitanya Varma, "Low Power and Area efficient MDC based FFT for Twin Data Streams", International Journal of Engineering Research and Application, 7(11), pp. 66-74, 2017.
- 46. G. Rama Krishna, N. Vijaya Ratnam, "Implementation of Linear Time Varying Channels for Effective Mitigation of Inter Carrier Interference in OFDMSystemModel", International Journal of Scientific Engineering and Technology Research(IJSETR),6(19), pp.3618-3624, 2017. [Google scholar]
- 47. V. Prasanthi, **CH. Rama Krishna**, "MIMO Self-Heterodyne OFDM Using SCP with Noise", International Journal of Computer Applications, 164(7), pp.10-13,2017. [Google scholar]
- 48. P. Rajasekhar, V. Rama Raju, "BER Performance of 1024 (BPSK, QPSK & QAM) using OFDM over Rayleigh, Rician and Nakagami Fading Channel", International

- 49. R.V. Phani Sirisha, **G. Prasanna Kumar, P. Satyanarayana Murty**, "A Semi-Blind Self Reference Color Image Watermarking Using Singular Value Decomposition", International Journal of Computer Applications, 158(5), pp. 12-17,2017. [Google scholar]
- 50. PrasanthiBoyina, **G.Srilakshmi**, **V.Rama Raju**, **K.V.S.H.Gayatri Sarman**, "The Efficient Services in Public Transportation Recommended On Route Guider, Statistical Analysis Google Map For Visualization", International Journal of Modern Trends in Engineering and Science (IJMTES), 4(1), pp. 15-20, 2017. [Google scholar]

- 51. Venkata Saikumar B and **Padmavathy.N**, "A Systematic Approach for Analyzing Hop count and Path Reliability of Mobile Ad Hoc Networks", Proceedings of IEEE International Conference on Advances in Computing, Communications and Informatics (ICACCI'17), pp.298-303, 2017. (SCOPUS)
- 52. Divya Aavala and **P. S. N. Murthy**, "Authentication of Digital Visual Data Using Discrete Wavelet Transform and TLBO", Proceedings of IEEE InternationalConferenceonAdvancesinComputing,CommunicationsandInformatic s(ICACCI'17), 2017, pp.131-137, 2017. (SCOPUS)
- 53. **VenkateshwaraRaoCh.,N.Padmavathy**,andChaturvediSK,"ReliabilityEvaluatio n of Mobile Ad Hoc Networks: With and Without Interference", Proceedings IEEE 7th International Advance Computing Conference (IACC), pp.233-238, 2017. (SCOPUS)
- 54. **Padmavathy N,** J. Rama CharanaTeja, SanjayK. Chaturvedi, "PerformanceEvaluation of Mobile Ad Hoc Network using Monte Carlo Simulation with Failed Nodes", Proceedings of Second IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT 2017), pp. 498-504, 2017. (SCOPUS)
- 55. **Manaswi D** and K. Srinivasa Rao, "Design a Novel Structure of Shunt Configuration Based Switch via Asymmetric Structures," Proceedings of International Conference on Computing Communication and Senor Network, pp. 1-8, 2017.
- 56. RangaraoOrugu, V.Ramaraju, Ch.Ramakrishna, K.Srinivas, A.K.C.Varma, "Image Denoising Using DWT and SWT Based On Thresholding", Proceedings of International Conference on Contemporary Engineering and technology(ICCET 2017), 2017.

BOOKCHAPTERS:

- 57. Sasikiran Sajja, **N. Padmavathy**, "Green Communication: An Emerging Telecommunication Technology ItsResearch Challenges, Techniques and Applications", Information, Communication and Computing Technology, Chapter: 8, Springer, pp. 76-84, 2017. (SCOPUS)
- 58. Sanjay K. Chaturvedi and **N. Padmavathy**, "Mobile Ad Hoc Network Reliability: An Imperative Research Challenge", Chapter 4, Advances in Reliability and System Engineering, Springer Publisher, pp. 87 119, 2017.,(SCOPUS)

FACULTY PUBLICATIONS (IT): 2017

CONFERENCES:

- P. S. V. V. S. R. Kumar, D. R. Devi, **D. J. N. Kumar** and A. V. S. N. Murty, "Alphabet pattern approach for color fabric texture classification," 2017 International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, India, 2017, pp. 1-6, doi: 10.1109/ICCCI.2017.8117735.(GS)
- 60. Pullela S. V. V. S. R. Kumar, L. R. D. Prasad Maddireddi, V. Anantha Lakshmi and **DJ Nagendra Kumar,** Novel fuzzy classification approaches based on optimisation of association rules Proceedings of the 2016 2nd International Conference on Applied and Theoretical Computing and Communication Technology, iCATccT 2016, Year 2017(GS)

FACULTY PUBLICATIONS (ME): 2017

JOURNALS:

61. **Ramu Inala**, Parametric Instability Of Rotating Cantilever Functionally Graded Material Plates, International Journal Of Scientific Research, 6(7), pp. 488-494, 2017.



Vishnu Institute of Technology (Autonomous) VISHNUPUR: BHIMAVARAM

FACULTY PUBLICATIONS (BS): 2016

- 1. **M. Rajesh Yadav**, B. Jaya Raja, M. Avinash, Ch. Rama Krishna, R. V. S. S. N.Ravikumar. Structural and optical properties of Cu(II) ions doped calcium borophosphate(CaBP) nanophosphor by solid-state synthesis. Journal of Materials Science and Materials in Electronics, 27, 1318-1327, 2016
- 2. N. Pavan Kumar, **Tulasi Nimmala**, M.Sundhi, **S.Vineelaevan.**Socio-Economic Effects on English Language Learners in Andhra Pradesh. International Journal of Science, Technology and Management, 5(8), 104-107, 2016.
- 3. **D.Vijaya Lakshmi** and Ch. Rupa Jhansi Rani. Communicative Approach, A Method to Improve Language Proficiency of Engineering Graduates. Journal of Chemical and Pharmaceutical Sciences, Special Issue 10, 56-58, 2016.
- 4. **D.Vijaya Lakshmi** and Ch. Rupa Jhansi Rani. Language Teaching in Flipped Classroom: A Different Approach. Scholar Critic, 3 (1). 118-124, 2016.
- 5. **M.Pushpalatha**, R.Subba Rao, M.S.RaviKumar.Skewness Corrected Control Charts for two Inverted Models. Journal of Chemical and Pharmaceutical Sciences, special issue 10,51-55, 2016.
- 6. **V. Rama Devi, N.Tulasi** and N. Pavan Kumar. Teaching Listening and Speaking Skills to the Pupils of Higher Education through Mobile Applications and Social Networks. Scholar Critic: International Journal of Language, Literature and Culture Studies, 3(2),351-360, 2016.
- 7. **P.C.Viswanath and Ch.Maheswararao.**The Role of Audio-Visual Aids in Teaching and Learning in English Language. International Journal of Scientific Research, 5(4), 78-79, 2016.
- 8. **V. Rama Devi,** Redefining the Dictionary. International Journal of Engineering Sciences and Research Technology, 698-705, 2016.
- 9. **M R Yadav**, B J Raja, V P Manjari, M Avinash, C R Krishna and R V S S N Ravikumar. Spectroscopic studies of undoped and Mn2+ doped calcium borophosphate phosphor (CaBP) nanopowders. Indian journal of Physics, 90,185-193, 2016.
- 10. N. Pavan Kumar Nowbattula and TulasiNimmala. A Research Plan for the

- Developmentof Undergraduate Education. International Journal of Academic Research, 3-2(1), 143-145, 2016.
- 11. **V.Rama Devi**, M.Sundhi and **S.Vineela Evan.**Social Media and Academic Development. International Journal of Academic Research, 3-2(1), 169-172, 2016.
- 12. **D.Vijaya Lakshmi** and K.Ragini.Multimedia: A Technique to Deal the Language Labs. Journal of English Language and Literature, 3(1), 170-173, 2016.
- 13. **D.Vijaya Lakshmi.** The Numerical Symbol Two in Paulo Coelho's The Alchemist. TRIVENI: India's Literary and Cultural Quarterly 8(2), 26-28,2016.
- 14. **D.VijayaLakshmi and Ch.Maheswararao.** English Language Skills: Teaching, Testing and Assessment for Engineering Students. Language in India, 16(1), 307-314, 2016.

FACULTY PUBLICATIONS (CSE): 2016

- 15. **Vasavi Sai Prasanna L.,** Balaji, V. and Srinivasa Reddy, E.Performance analysis of image super resolution using wavelets transform based on sampling. International journal of current research. 8(8), pp 37084-37088,2016. [GOOGLE SCHOLAR].
- 16. Himaja D. and Shymala Madhuri P. Distributed Approach over Encrypted Cloud Data for Multi Keyword Ranked Search Scheme. International Journal For Research On Electronics And Computer Science. 5(6),pp.4913-4919,2016. [GOOGLE SCHOLAR].
- 17. Sharmela Shaik., **Prathyusha Kanakam., Mahaboob Hussain S. and Suryanarayana,D.** Transforming Natural Language Query to SPARQL for Semantic Information Retrieval. International Journal of Engineering Trends and Technology. 41(7),pp. 347-350,2016.[Google Scholar]
- 18. Swathi Gunnam., **Mahaboob Hussain, S., Prathyusha Kanakam. and Suryanarayana, D.** SPARQL for Semantic Information Retrieval from RDF KnowledgeBase. InternationalJournalofEngineeringTrends andTechnology.41(7), pp 351-354,2016.[Google Scholar]
- 19. **Mahaboob Hussain,S., Prathyusha Kanakam., Suryanarayana, D.**, Swathi, Gunnam. and Sharmela Shaik. Semantic Information Retrieval: An Ontology and RDF based Model. International Journal of Computer Applications. 156(9), pp 34-38,2016. [Google Scholar]
- 20. Mahaboob Hussain,S., Prathyusha Kankam., SuryaNarayana, D. andSumit Gupta. Cognitive analytic task based on based on search query logs for semantic of

- semantic identification. International Journal of Control Theory and Applications. 9(21),pp 273-280,2016. [Scopus].
- 21. **Himabindu, K. and KaliPradeep,K**. A Genetic Approach for Enhancing Recommender System's Stability. International Journal of Technology and Engineering.3(3),pp 148-153,2016. [Google scholar]
- 22. **Prasanthi,B V.** Cyber Forensic Tools: A Review, International Journal of Engg. Trendsand Technology. 41(5), pp 266-271,2016. [Google Scholar]
- 23. **Mahaboob Hussain,S., Prathyusha Kanakam.** and Chakravarthy, ASN. Inhibiting Cognitive Bias in Forensics Investigation using DNA Smart Card with IOT, International Journal of Control Theory and Applications.10(14),pp 251-255,2016.[Scopus].
- 24. **Suryateja**, **S**, **P**. A Comparative Analysis of Cloud Simulators, International Journal of ModernEducation and Computer Science. 8(4),pp. 64–71,2016. [Google Scholar]
- 25. **Venkata chandran, K**. Secure auditingand deduplicatingdata in cloud. International Journal of scientific Engineering and technology research.5(39), pp.293-298, 2016. [Google Scholar].
- 26. Srinivasarao, K. and **Ravindra Bharathi, G.** Automated Creation of a Database Queries by using Dynamic Query Forms. International Journal of scientific engineering and technology research. 5(4),pp 0609-0612,2016. [Google Scholar]

- 27. Suryanarayana, D., Kanakam P., Hussain S., and Gupta, S. Knowledge representationofnatural language in high performance linguistics scheme. 2016 IEEE International Conference On Computational Intelligence And Computing Research (ICCIC). pp 1-5,2016.[EI, SCOPUS]
- 28. Suryanarayana, D., Kanakam, P., Hussain, S. M., and Gupta, S. High-PerformanceLinguistics SchemeforCognitive InformationProcessing. In Progressin Intelligent Computing Techniques: Theory, Practice, and Applications.518,pp. 369-378.,2016.[DBLP, SCOPUS]
- 29. Mahaboob Hussain, S., Prathyusha Kankam., Surya Narayana, D. and Sumit Gupta. A Cognitive Perceptive Framework with Gait Recognition Technology. 2nd International Conference on Next Generation Computing Technologies. pp 665-669,2016. [ISI, DBLP, SCOPUS]

FACULTY PUBLICATIONS (ECE): 2016

JOURNALS:

- 30. **Padmavathy N** and Sanjay K Chaturvedi; "A Systematic Approach for Evaluating the Reliability Metrics of MANET in Shadow Fading Environment using Monte Carlo Simulation", International Journal of Performability Engineering, 12(3), pp. 265-282, 2016. (SCOPUS)
- 31. **D.Durga Prasad**, **A.M.V.Pathi**, **Ch.Rama Krishna**, **C.V.P.K.Reddy**, "A New Architecture Designed for Implementing Area Efficient Carry-Select Adder", International Journal of Engineering Research & Technology, 5(3), pp. 176-181,2016. [Google scholar]
- 32. **D.Durga Prasad**, **Ch.V.V.S.Srinivas**, **K.Kiran**, **A.K.Chaitanya Varma**, "Design and Implementation of FM0/Manchester Encoder Using VHDL", International Journal of Advanced Research in Computer and Communication Engineering, 5(4), pp. 447-452, 2016. [Google scholar]
- 33. Aravind Kumar M, **P. Sivanantha Maitrey**, **K. Rameshchandra**, "Adaptive Hearing Aid Algorithm Using Different Types of Multiplier", International Journal of Application or Innovation in Engineering & Management, 5(2),pp. 148-156, 2016. [Indexed by Elsevier, SCOPUS]
- 34. avind Kumar M, **Rangarao Orugu**, **M.Dileep**, **C.V.P.K.Reddy**, K.P.Mani, "Performance Evaluation of Different Multipliers in VLSI using VHDL", International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), 5(3), pp. 195-198, 2016. [Google scholar]
- 35. **Dileep M**, **B.Prudhvi Raj**, **G.Prasanna Kumar**, "A New Image Encryption and Data Hiding Technique Using WAVELET Transform", International Journal of Research in Engineering and Technology, 5(5), pp. 195-198, 2016. [Google scholar]
- 36. AddankiPurna Ramesh, "High Speed IEEE-754 Quadruple Precision Floating Point Multiplier Using Verilog", International Journal of Applied Engineering Research, 11(2), pp. 1457-1463, 2016. (SCOPUS)
- 37. **SatyanarayanaK.V** and G. S. N. Raju, "Investigation on Transient Characteristics Due to Lightning", International Journal of Science and Research, 5(2), pp.1747 1751, 2016. [Google scholar]
- 38. AravindKumarM,O. Rangarao,M. Dileep,C V
 PradeepKumarReddy,K.P.Mani, "Performance Evaluation of Different Multipliers in VLSI using VHDL",International Journal of Advanced Research in Computer and Communication Engineering,5(3),pp.6-11,2016, [Google scholar]

CONFERENCES:

39. RajeswaranN,C.Gokilavani,S.Arumugam, .Ramaraju, "NoiseRemovalinBrainMRI

- Image", Proceedings of International Conference on Research Advancements in Computer Science and Communication(ICRACSC-2016),29th&30th December 2016.
- 40. Rangarao Orugu and K. Srinivas, "Multiband Antenna For WLAN Applications", Proceedings of National Conference on Communication Nationa nd Computing, pp.1, 2016.(paid)
- 41. Rangarao Orugu, V.Ramaraju, Ch.Ramakrishna,A.K.C.Varma,"RFID and GSM Based Student Attendance System",Proceedings of National Conference on Innovationsin Communication and Computing, pp. 13, 2016.(paid)

BOOKS:

42. **Padmavathy N** and S.K. Chaturvedi, "Mobile Ad Hoc Networks: Reliability Measures and Evaluation", LAMBERT Academic Publishing, Germany, Pages: 189, 2016. (SCOPUS)

FACULTY PUBLICATIONS (IT): 2016

CONFERENCES:

43. P. S. Kumar, K. N. V. Rao, Akella.S.Narasimha Raju, **D. N. Kumar**, Leaf classification based on shape and edge feature with k-NN classifier Proceedings of the 2016 2nd International Conference on Contemporary Computing and Informatics, IC3I 2016, Year 2016, Pages 548-552 IC3I 2016, Year 2016.(GS)

JOURNAL:

44. Pullela S. V. V. S. R. Kumar, N. V. Nagamani Satyavani, G. S. N. Murthy*and D J Nagendra Kumar Dirisala*, A novel optimum depth decision tree method for accurate classification International Journal of Control Theory and Applications, Pages 3359—3365 Volume 9, ISSN: 0974-5572 Year 2016.(GS)

FACULTY PUBLICATIONS (ME): 2016

- 45. Ch.NS Krishna, **Mangam Venu**, Synthesis of alumin a nano powder Using mixed fuel by solution combustion approach, International Journal of Research in Engineering and Technology, Vol-5, Pg: 162 164, Sept 2016,google scholar
- 46. Ch. Naga Siva Krishna, **Mangam Venu**, (2016). Synthesis of alumina nanopowder using mixed fuel by solution combustion approach. International Journal of Research in Engineering and Technology, 5, 162-164.

47. Prasad K.E.V. and **Anupama Francy K.**,(2016). Experimental Evaluation of Lubricant Effect on Cold Forward Extrusion of AA6063. International Conference on Mechanical & Description Engineering (ICMPE), 16th October 2016, Hyderabad.

BOOK CHAPTERS:

48. Title: Copper Nanocomposites: Synthesis, Characterization and Properties Authors: **Mangam Venu**, Siddhartha Das Publisher: LAMBERT Academic Publishing, Germany ISBN No: 978-3-659- 96233-2 Year of Publication: 2016.



Vishnu Institute of Technology (Autonomous) VISHNUPUR: BHIMAVARAM

FACULTY PUBLICATIONS (BS): 2015

- 1. T.S.R.Murthy, **M.S.R.Murthy** and Rajasekhar. Single server interdependent queuing model using bailey's bulk service rule. International journal of Recent and Innovation Trends in computing and communications, 2015.
- 2. **D.VijayaLakshmi, K.Ganga Raju and Ch.Maheswararao.** Effective Cross Cultural Communication.International Journal of Science Technology and Management, 4(11), 198-202, 2015
- 3. **D.VijayaLakshmi** and **P.KrishnaMohanRaju.** Are Unaddressable/ Unquestionable/ Unavoidable Problems? International Journal of Scientific Research, 5(II), 108-109,2015
- 4. **Ch.Maheswararao** and **P.C.Viswanath.** Grammar Games: An Innovative Approach to Teach English Grammar. Research Scholar –An International refereed e-journal of literary explorations, 3(IV), 139-142, 2015.
- 5. **PushpaLathaMamidi,** R.Subba Rao and R.R.L.Kantam.Estimation through failure censored sample: Size Biased Inverse Maxwell Distribution. International Journal of Computational Science, Mathematics and Engineering, 2(8), 129-133, 2015
- 6. **D.Vijaya Lakshmi.**A Glimpse of the Short Story.Journal of English Language & Literature, 1(1), 118-22,2015.
- 7. **D.Vijaya Lakshmi and Prasanthi.** Reflective Teaching Practices in English Language Classroom. Human Rights International Journal, 3 (2), 61-63,2015.
- 8. M. Ramya Krishna, K. Pavan and **K.VenuGopal,**.Perception of retailers on etailing. International Journal of Advance Research in Computer Science and Management Studies,3(11) pp 26-32, 2015.
- 9. B.Jaya Raja, **M. Rajesh Yadav**, V.Pushpa Manjari, K.Ravindranadh, .Avinash, R.V.S.S.N.Ravikumar. Spectral Investigations on Cu²⁺⁻ doped Li₂CaAl⁴(PO₄)₄F₄ Phosphors. Applied Magnetic Resonance, 46, 953-964, 2015.
- 10. B.Sailaja, M.Avinash, **M.RajeshYadav**, R.Joyce Stella, R.V.S.S.N.Ravikumar. Absorption Spectrum of Dy3+ Doped Alkali Zinc Borate Glass. International Journal of Advanced Research in Physical Science, 2(1A), 110-112, 2015

- 11. **M.S.R.Murthy**, J.S.R.Murthy and R.Rajasekhar. Single Server Interdependent Queueing Model Using Baileys Bulk Service Rule. International Journal of Recent and Innovation Trends in Computing and Communication, 3(5)42-48 2015.
- 12. R. Vasu Babu, TSR Murthy, **R.S.Durga Rao**, Maximal Ideals and filters of ADLs. International Journal of Scientific and Innovative Mathematical Research, 3(2), 704, 18-22, 2015.
- 13. **D.Vijaya Lakshmi** and Bh. V. Lakshmi. Community Radio and TV Academy A New Face To Multimedia Language Learning. Research Scholar An International Refereed e-Journal on Literary Explorations, 3(1) 437-442, 2015.
- 14. **D.VijayaLakshmi,** N. Pavan Kumar and J.Bala Manoja Devi. Santiago Doesn't Do Different Things But Does Things Differently. International Journal of Advanced Technology in Engineering and Science, 3(II) 638-642, 2015
- 15. **Ch.Rajyalakshmi** and T.Benzamin. Interaction between Human Society and Biodiversity. International Journal of Advanced Research in Chemical Science, 2(2A), PP 97-99, 2015.
- 16. **Ch.Rajyalakshmi** and T.Benzamin.A Study on Liquid Crystal Display. International Journal of Advanced Research in Physical Science, 2(1A), 169-171, 2015.
- 17. **Ch.Rajyalakshmi** and T.Benzamin.A Study on Coating Materials-Paints & Special Paints. International Journal of Advanced Research in Physical Science, 2(1A), PP 185-187,2015.

- 18. **M. Rajesh Yadav,** M.Avinash, G.RamaSundari, SK.JohneyBasha, D.V.Satish and R.V.S.S.N.Ravikumar.Physical and Spectral Investigations on Fe³⁺ Doped Mixed Alkali Cadmium Borate Glasses.Proceedings of International Conference on Science and Engineering of Materials for Future Needs, (e-book), 12-20, ICSEMF-2015 Proceedings.
- 19. **V.Rama Devi and Ch.Maheswara Rao.**Sociolinguistic Factors Affecting Learners of English at the Under Graduate Level. <u>ELT@I</u> Tirupati chapter 3rd Annual International Conference on Teaching English Language and Literature: Challenges and Solutions, 120-123, 2015.
- 20. **V.Rama Devi** and N. Pavan Kumar. Empowering Regional Medium Students with English Language. ELT@I Tirupati chapter 3rd Annual International Conference on Teaching English Language and Literature: Challenges and Solutions, 19-26, 2015.

- 21. **P.CViswanath** and D.Satishraj. Oral Fluency: The Prerequisite for Professional Students. <u>ELT@I</u> Tirupati chapter 3rd Annual International Conference on Teaching English Language and Literature: Challenges and Solutions, 136-138. 2015.
- 22. **D. Vijaya Lakshmi** and P. Prasanthi. Language through Literature: Paulo Coelho's The Alchemist. ELK Asia Pacific Journal in the Special Issue, 21-6, 2015.
- 23. **B. Tirumala Rao,** B. Rupa Venkateswara Rao, L.TanujJumar, S.Sreeharisastry. Thermal andvibrational spectral studies of Magnesium lead zinc phosphate glasses doped with dissimilar transition metal ions, ISBN 978-1-329-77555-8 (e-book), 90-95, ICSEMF- 2015 Proceedings.

FACULTY PUBLICATIONS (CSE): 2015

JOURNALS:

- 24. **Hussain S., Kanakam, P.** and Chakravarthy. A S N. Gesture RecognitionTechnologyto Annihilate Burglaries amid ATM Transactions, International Research Journal of Engineering and Technology. 2(8), pp 2293-2297,2015.[Google Scholar].
- 25. **Neelima K.** and Hemalatha I. Personalize Resemblance of User Behaviour on Shopping Carts. International Journal Of Computational Mathematical Ideas . 10(1),pp63190-63196,2015. [Google scholar].

CONFERENCES:

- 26. **Hussain, S. M., Narayana, D. S., Kanakam, P., and Gupta, S.**Palazzo Matrix Model: An approach to simulate the efficient semantic results in search engines. In Electrical, Computer and Communication Technologies (ICECCT). pp. 1-6,2015. [Scopus]
- 27. **Prathyusha Kanakam., Hussain S M., SuryaNarayana D and Sumit Gupta**. Semantic Representation of Natural Language Query Using Combinatory Categorial Grammar and Lambda Calculus. International Conference on Signal Processing, Control and Data Analytics.pp 163-168,2015. [Springer, Elsevier]
- 28. **Hussain M S., Prathyusha Kanakam.** and Chakravarthy A S N. MFAT: Security Enhancements in Integrated Biometric Smart Cards to Condense Identity Thefts. World Conference on Applied Sciences, Engineering and Technology. 1(4), pp 329-338,2015.[Scopus]
- 29. Suryanarayana, D., Hussain, S., Kanakam, P., Gupta, S. Stepping towards a

semantic web search engine for accurate outcomes in favor of user queries: Using RDF and ontology technologies. 2015 IEEE International Conference On Computational Intelligence And Computing Research (ICCIC). pp 1-6,2015.[Scopus]

- 30. **Kanakam, P., Hussain, S.**, and Chakravarthy, A. Electronic noses: Forestalling fire disasters: A technique to prevent false fire alarms and fatal casualties. IEEE International Conference on Computational Intelligence and Computing Research. Pp 1-6,2015.[EI, SCOPUS]
- 31. **Hima Bindu, K.**, and Raghavendra Rao, C. Coefficient of Variation Based Decision Tree for Fuzzy Classification. Advances In Intelligent Systems And Computing, 415,pp139-149,2015.[SCOPUS]

FACULTY PUBLICATIONS (ECE): 2015

- 32. **Durga Prasad D**, J.E.N.Abhilash, S.Srilali, "Innovative Approach Architecture Designed for Realizing Fixed Point Least Mean Square Adaptive Filter with Less Adaptation Delay", International Journal & Magazine of Engineering, Technology, Management and Research, 2(10), pp. 1019-1028, 2015. [Google scholar] (Paid)
- 33. **Padmavathy N** and Sanjay K Chaturvedi, "Reliability Evaluation of Capacitated Mobile Ad Hoc Network Using Log-Normal Shadowing Model", International Journal of Reliability and Safety, 9(1), pp. 70-89, 2015, (INDERSCIENCES, SCOPUS)
- 34. **Padmavathy N** and Sanjay K Chaturvedi, "Reliability Evaluation of Wireless Ad Hoc Network: With and Without Mobility Considerations", PROCEDIA COMPUTER SCIENCE, 46, pp. 1126-1139, 2015. (Elsevier, SCOPUS)
- 35. **Vemu Shirdi Saiprabhu** and P.Gopala Reddy, "MDC FFT/IFFT Processor with Variable Length for MIMO-OFDM Systems", International Journal of Advanced Technology and Innovative Research, 7(1), pp.73-81, 2015. [Google scholar]
- 36. **Ravi Kiran Kurella**, J.E.N Abilash, N.Srikanth, "An Improved DELAY- POWER Efficient Modified CarrySelect Adder Design and Implementation Using VHDL", International Journal & Magazine of Engineering, Technology, Management and Research, 2(4), pp. 174-179, 2015. [Google scholar]
- 37. **AddankiPurna Ramesh** and I. Jayaram Kumar, "Implementation of Integer Square Root", International Journal of Engineering Science and Innovative Technology 4(1), pp. 105-113, 2015. [Google scholar]

BOOK CHAPTER:

38. **.SrilakshmiGubbala, K. Srinivas, RangaraoOrugu**, "Acoustic Echo Cancellation Using Variable Step Size Based Adptive Filtering with Performance Measure", Chapter 15, Lecture Notes in Electrical Engineering, Springer Publisher, pp.145-152, 2014. (SCOPUS)

FACULTY PUBLICATIONS (ME): 2015

JOURNALS:

39. N. Naga Krishna, "Mechanical Anisotropy and Microstructural Changes during Cryorolling of Al-Mg-Si alloy", Materials Characterization, Vol. 107, September 2015, 302 – 308. **(SCI)**



Vishnu Institute of Technology (Autonomous) VISHNUPUR: BHIMAVARAM

FACULTY PUBLICATIONS (BS): 2014

- 1. **D.Vijaya Lakshmi** and Bh.V.N.Lakshmi. The Alchemist-A Symbolic and Spiritual Journey Arts and Education by International Research Journal, 1 (1), 258-261, 2014. OFFLINE
- 2. MonalisaNayakJash and **V. Rama Devi.** The Unfolding of the life Narrative. International Journal of English and Literature, 4 (3), 11-16, 2014.
- 3. **M.S.R. Murthy, M.PushpalathaandK.G.R.Deepthi**. Minimising the Waiting Time at Bank ATM for service with Queuing Model. International Journal of Scientific Research, 3(1), 25-27, 2014.
- 4. **MSR.Murthy and M.Pushpalatha**. An Approach for Unreliability of Direct methods-Optimal solution of Transportation Problem. International Journal of Engineering Sciences &Research Technology, 3(4), 1834-1837, 2014.
- 5. B.Babu, G.RamaSundari, K.Ravindranadh, **M.Rajesh Yadav**, R.V.S.S.N. Ravikumar. Structural, spectroscopic and magnetic characterization of undoped, Ni2+ doped ZnOnanopowders. Journal of Magnetism and Magnetic Materials, 37, 79-85, 2014.
- 6. B. Jaya Raja, **M. Rajesh Yadav**, V. PushpaManjari, B. Babu, Ch. Rama Krishna, R.V.S.S.N. Ravikumar. Synthesis and characterization of undoped and Mn(II)ions doped Li2CaAl4(PO4)4F4 nanophosphor. Journal of Molecular Structure, 1076, 461-467, 2014.
- 7. **Rajyalakshmi Chavakula** and C. Rambabu. Application of Validated Stability-Indicating HPLC Method in Stability Testing of Acetaminophen and Guaiphenesin Tablets. Chemical Science Transactions, 3(1), 201-208, 2014.
- 8. **P.CViswanath**, M. Srilakshmi., PV.Ratnakumar. A Communicative Approach to Enhance Language Skills of Engineering Graduates.Research Journal of English Language and Literature in September, 2(3), 359-362, 2014.
- 9. **D.Vijaya Lakshmi** and Zehrabi. Discussion Skills in ELT Classroom. International Journal of Scientific Research, 3(4), 252-253, 2014.
- D.VijayaLakshmiandK.Ragini. Teaching Writing Skills for Engineering Students. International Journal of Engineering Sciences & Research Technology, 3(4), 1875-1878, 2014.
- 11. **D.Vijaya Lakshmi.** The Alchemist-A Symbolic and Spiritual Journey. Arts and Education International Research Journal,I(I), 258-261, 2014.

12. **D.VijayaLakshmi**andA.S.M.Tayaru.Dynamic Decision Making in ELT Classroom. IOSRJHSS, 17(6), Ver. III 42-44, 2014.

CONFERENCES:

- 13. **D.Vijaya Lakshmi.** Needs of Digital Natives. IEEE conference proceedings, International Conference on Trends and Innovations in Language Teaching (TILT'14) in Satyabhama University, Chennai, 428-430,2014.
- 14. **M. Pushpalatha**. Ones method for finding an optimal solution for transportation problem. Proceedings of International conference on advances in engineering and technology,156-162, 2014.

FACULTY PUBLICATIONS (CSE): 2014

- 15. Rajesh T., **Shyamala Madhuri P**. and Venkanna V. Password Management System Using Cryptography Using Salt Technique. International Journal of Emerging Trends and Technology in Computer Science.3(1),pp 311-313,2014.[Google Scholar].
- 16. **Sridevi Bonthu.**, MurthyY S S R. and **Srilakshmi,M**. An Adaptive Downloading Service from Object Storage Cloud. International Journal of Advanced Research in Computer Science and Software Engineering. 4(8), pp 142-145, 2014. [Google Scholar]
- 17. **Sridevi Bonthu.**, Murthy Y S S R. and **Srilakshmi M**.Building an Object Cloud Storage Service System using OpenStack Swift.International Journal of Computer Applications .102(10), pp 39-42,2014. [Google Scholar]
- 18. **Padma Jyothi U.**, and Seenu A. Efficient Query Processing For PIM System, International Journal of Computer Science Trends and Technology. 2(6),pp. 48-52, 2014. [Google Scholar]
- 19. **Prasanthi, B.V., Padma Jyothi, U.,Sridevi , B. and Vamsi Krishna, T**. Security Enhancement of ATM System with Fingerprint and DNA Data. International Journal of Advanced Research inComputer Science and Software Engineering. 4(12), pp. 477-47,2014. [Google Scholar]
- 20. **Prasanthi,B.V.,MahaboobHussain,S.,PrathyushaKanakam.**andChakravarthy,A.S.N. Palm Vein Biometric Technology :An Approach To Upgrade Security InATM Transactions. International Journal of Computer Applications. 9(112),pp.1-5,2014. [Google Scholar]
- 21. Mahalakshmidevi,B., and **HimaBindu**, **K**. Moving Object Tracking Using Background Subtraction. International Journal of Research in Computer Science and Engineering.4 (6), pp. 2292-2298,2014. [Google Scholar]
- 22. Naga Venkata Aditya, Potti.,and **Veenadhari, CH. L.** A Context Based Probabilistic Model for Automatic Document Summarization. International Journal of Computer and Organization Trends. 15, pp. 135-138, 2014. [Google Scholar]

- 23. Sri Varsha, B. and **Suryateja P.S.**Using Advanced Encryption Standard for Secure and Scalable Sharing of Personal Health Records in Cloud. International Journal of Computer Science and Information Technologies.5 (6),pp 7745-7747, 2014.[Google Scholar]
- 24. Srivani, B. and **John Subudhi**, **D**. An Improved IP-Trace security Detection in Distributed SSO Mechanism.International Journal of Computer and Organization Trends .4(6), pp 1-5,2014. [Google Scholar]
- 25. Raj Kumar, M. and**Bharathi, R, G.** To Find Out Accurate High Utility Patterns Using HUI-Miner. International Journal Of Research In Computer Science and Engineering.4(2), Article 612,2014. [Google Scholar]
- 26. Naga Rani,S., and **Durga Rao,M V**. A Providing Security for encrypted Data using JPEG Stenography. International Journal Of Research In Computer Science and Engineering . 4(6), Article-1114, 2014. [Google scholar].
- 27. **Hima Bindu,K., Srinivasa Raju,R. and Suryanarayana,D**. Search Results Clustering Validation Techniques. International Journal of Advanced Research in Computer Science. 5(2),pp 114-121,2014. [Google Scholar].
- 28. **Prathyusha Kanakam.**,Rao K C B. and **Mahaboob Hussain S**. Olfactory Biometric Technique: An Emerging Technology. Journal of Advancement in Robotics.1(1), pp 1-11,2014. [Google Scholar].
- 29. Seenu A., **Narasinga Rao M.R. and Padma Jyothi U.S.S**. A System for Personal Information Management using an Efficient Multidimensional Fuzzy Search. International Journal of Advanced Research in Computer Science.5(2),pp 5-12,2014. [Google Scholar].
- 30. **Divya.,L,**and Sunil Babu., Jakkamsetti . A LaGrange's Polynomial Based Secure Data Distribution between Data Owners. International Journal on Emerging Trends in Technology. 16(6), pp 311-314,2014. [Google Scholar].

- 31. **Purna Chand K**. A Concise Survey on Text Mining, Ontology Learning Methodsand Modeling Tools. National Conference on Advanced Computing and Pattern Recognition(ACPR-14).pp 452-455,2014. [Google Scholar]
- 32. VSRP Varma Kamadi. and Apparao Allam. and Sita Maha Lakshmi T. andNageswara Rao P.V. and **Narasimha Rao Kandula.** A computational Intelligence Technique for effective diagnosis of diabetes disease. National Conference on Emerging Technologies in Computer Science. UCEV, JNTUK, Vizianagaram. 95(11),pp.17-21, 2014.[Google Scholar].

- 33. **Prathyusha Kanakam.** and Chakravarthi, A S N. Innovative Progress Approach for Quantity Mining of Itemsets. World Conference on Applied Sciences, Engineering and Technology. pp 494-498,2014. [Scopus]
- 34. **Mahaboob Hussain, S**., and Chakravarthy, A S N. An Integrated Approach to ProvideSecurity and Resist Thefts on Digital Data Finger Vein Biometric Matchon Smartcards.World Conference on Applied Sciences, Engineering and Technology. pp 499-507,2014. [Scopus]

FACULTY PUBLICATIONS (ECE): 2014

- 35. **Mangalampalli Sri Vijaya Durga Gayathri** and CH.Kanakalingeswararao, "Implementation of Secure IC for Detection of Security Hacking Attacks by using Scan Based TPG",International Journal of Emerging Technology in Computer Science & Electronics, 9(3), pp. 49-53, 2014. [Google scholar]
- 36. VenuNandam and **Prasanthi Boyina**, "An Efficient Area and Delay Reduction of 128- bit Carry Select Adder Architecture for Low Power Application", International Journal of Scientific Engineering & Technology Research, 3(39),pp. 7918-7922, 2014. [Google scholar]
- 37. Umamaheswari J, **B. V. V. Satyanarayana**, K. Pavani, "Intelligent Home Monitoring and Controlling System Through Zigbee & GSM", Advanced Research Journals, 1(3&4), pp. 19-22, 2014. [Google scholar]
- 38. Sowmya Talluri, Pravin Akula, **B V V Satyanarayana**, "Design of An Efficient Bit Rate Serial-Serial Multiplier Based on Asynchronous Counters Accumulation", International Journal of Informative & Futuristic Research, 2(3), pp. 739-749, 2014. [Google scholar]
- **39. Manaswi** and P.KoteswaraRao, "Verilog Implementation of Reconfigurable Routers or Low Power", International Journal on Recent and Innovation Trends in Computing and Communication, 2(9),pp.2963-2968, 2014. [Google scholar]
- 40. **Addanki Purna Ramesh**, A.V.N. Tilak, and A.M. Prasad, "High Performance SOC based Implementation of Floating Point Complex Division Custom Instruction Hardwareon NIOS-IIProcessor UsingVerilog", International journal on Recent Trends in Engineering and Technology, 11(1), pp. 83-91, 2014. [Google scholar]
- 41. R.Gopi Krishna, A.Pravin, V.Dhana Raj, **BVV Satya Narayana**, Wireless Thermoelectric Flow Sensor Using Arm, International Journal ofAdvanced Research in Computer Science and Electronics Engineering (IJARCSEE), pp.31-34, 3(1), 2014

42. **AravindKumar M**, "Leakage Mitigation Techniques in Nano meter Scaled Transistors", Proceedings of International conference on Photonics, VLSI and Signal Processing, 2014.

CONFERENCES:

- 43. **Ch.Ramakrishna**, **K. Srinivas**, **V.Ramaraju**, **Rangarao Orugu**, "Implementation of Kogge Stone Prefix Adder for Better Delay Performance", Proceedings of International Conference on Innovations in Electronics and Communication Engineering, pp. 11,2014.
- 44. **M. Aravind Kumar**, M.J.C Prasad, **Rangarao Orugu**, **A.K.C.Varma**, "Mitigation Techniques in Nanometre Scaled Transistors", Proceedings of International Conference on Innovations in Electronics and Communication Engineering, pp. 11, 2014.

FACULTY PUBLICATIONS (IT): 2014

CONFERENCES:

45. Sailaja, M., Kiran Kumar, R., **Sita Rama Murty, P.**, Krishna Prasad, P.E.S.N. (2012). A Novel Approach for Intrusion Detection Using Swarm Intelligence. In: Satapathy, S.C., Avadhani, P.S., Abraham, A. (eds) Proceedings of the International Conference on Information Systems Design and Intelligent Applications 2012 (INDIA 2012) held in Visakhapatnam, India, January 2012. Advances in Intelligent and Soft Computing, vol 132. Springer, Berlin, Heidelberg. (GS)



Vishnu Institute of Technology (Autonomous) VISHNUPUR: BHIMAVARAM

FACULTY PUBLICATIONS (BS): 2013

- 1. MonalisaNayakJash and **V. Rama Devi.** Web 2.0 The Web of Intellect. Abhinav, National Monthly referred Journal of Research in Art and Education. II (XI),11-17, 2013.
- 2. **V. Rama Devi** and Monalisa Nayak Jash. Memoir A Cherishable diary of APJ AbdulKalam.Dialogue: A Journal devoted to Literary Appreciation, IX (2), 47-55, 2013.
- 3. **Rajyalakshmi.Ch** and C.Rambabu. Derivative Spectrophotometric Methods for Determination of Sildenafil in Pharmaceutical Formulation. Asian Journal of Research in Chemistry, 6 (12), 1116-1120, 2013.
- 4. **Rajyalakshmi.Chavakula** and C.Rambabu. First Order Derivative Spectrophotometric Method for Simultaneous Estimation of Metronidazole and Norfloxacin in their combined dosage form. International Journal of Applied and Natural Sciences, 2(5), 21-26, 2013.
- 5. **V. Rama Devi** and Monalisa Nayak Jash.The Light of the Shadow. International Journal of English and Literature, 3(4), 37-42, 2013.
- 6. **V. Rama Devi** and Monalisa Nayak Jash. Go Social: be universal. Indian Journal of Applied Research, 3(10), 71-73, 2013
- 7. **D.VijayaLakshmi.** Enthralling Activities in Grammar. International Journal of English and Literature, 3 (4), 19-22, 2013.
- 8. **Rajyalakshmi.Ch and C.Rambabu.** Application of validated Derivative Spectrophotometric method for estimation of Duloxetine in tablets. Indian Journal of Applied Research, 3(7), 558-560, 2013.
- 9. **Ch.Rajya Lakshmi**, T. BenzaminandC.Rambabu. Stress Degradation Studies and Validation Method for Quantification of Aprepitent in Formulations by Using RP-HPLC. International Journal of ChemTechResearch, 5(4), 1462-1468, 2013.
- 10. **Ch.Rajya Lakshmi,** T. BenzaminandC.Rambabu. Stability Indicating RP-HPLC Method for Simultaneous Determination of Sildenafil and Duloxetine in Pharmaceutical DosageForm. American Journal of Pharm Tech Research, 3(1), 971-984, 2013.
- 11. **Ch.Rajya Lakshmi,** T. BenzaminandC.Rambabu. Development and Validation of Zero and First order Derivative UV Spectrophotometric Method for Determination of Febuxostat in Bulk and in Formulation. Research Journal of Pharmacy and Technology, 6(2), 208-211, 2013. (Scopus)
- 12. **Ch.Rajya Lakshmi,** T. BenzaminandC.Rambabu. Forced Degradation Study on Dronedarone and Application of Validated Stability-Indicating HPLC-UV Method in Stability Testing of Dronedarone Tablets. Der Pharma Chemica,5(1):189-195, 2013(Scopus)
- 13. Ch.Rajya Lakshmi, T. BenzaminandC.Rambabu. Derivative Spectrophotometric methods

- for determination of Aprepitant in bulk and pharmaceutical formulation. Der Pharma Chemica, 5(1), 156-160, 2013. (Scopus)
- 14. **Ch.Rajya Lakshmi,** T. BenzaminandC.Rambabu. Application validated stability indicating HPLC method in stability testing of Normetrogyl tablets. Journal of Pharmacy Research (ELESVIER), 6 (2 0 1 3), 499-503, 2013 (Scopus)
- 15. **Ch.Rajya Lakshmi** and C.Rambabu. Derivative Spectrophotometric Methods for Simultaneous Estimation of Acetaminophen and Guaiphenesin in their Combined Dosage Form. Analytical Chemistry Letters (Taylor & Francis) 3:4, 271-277, 2013. (Scopus)
- 16. **Ch.RajyaLakshmi,** T. Benzamin and C.Rambabu. Zero and firstorder Derivative Spectrophotometric Methods for Determination of Dronedarone in Pharmaceutical Formulation. International Journal of PharmTech Research, 5(1), 217-221, 2013.
- 17. **Ch.Rajya Lakshmi**, T. Benzamin and C.Rambabu. Stress Degradation Studies and Validation Method for Quantification of Febuxostat in Formulations by Using RP-HPLC. International Journal of Research in Pharmaceutical and Biomedical Sciences, 4 (1), 138-144, 2013.
- 18. **D. Vijaya Lakshmi** and Bh.V.N. Lakshmi.Students and the Sea of Words. Indian Journal of Applied Research, 3(8), 361-362, 2013.

- 19. **D.Vijaya Lakshmi and Bh.V.N.Lakshmi.** Greek Words for Love in Paulo Coelho's The Alchemist. English Studies International Research General, 1 (1), 254-259,2013.
- 20. **D.Vijaya Lakshmi** and A.S.M.Tayaru. Interpersonal Skills in ELT Classroom. Annamal Publishers of International Conference on Teaching English for Employability, 58-63,2013.
- 21. **D.Vijaya Lakshmi.** A Journey of Understanding. Proceedings of 8th International Conference on English Language, pp. 484-485, 2013.

FACULTY PUBLICATIONS (ECE): 2013

- 22. **Padmavathy N** and Sanjay K. Chaturvedi, "Evaluation of Mobile Ad Hoc Network Reliability using Propagation-based Link Reliability Model", International Journal on ReliabilityEngineeringandSystemSafety,115,pp.1-9,**2013**.[Citations-39], (SCOPUS)
- 23. Sanjay K. Chaturvedi and N. Padmavathy, "The Influence of Scenario Metrics on Network

- Reliability of Mobile Ad Hoc Network", International Journal of Performability Engineering, 9(1), pp. 61 74, **2013**. [Citations-16], (SCOPUS)
- 24. **Rangarao Orugu**, **K. Srinivas**, "Unit Cell of EBG Analysis in Inside the Wave Guide of E-Plane Horn Antenna", International Journal of Emerging Trends & Technology in Computer Science, 2(4), pp. 8-11, 2013. [Indexed by Thomson Reuters] [Google scholar] (Paid)
- 25. **RangaraoOrugu,K.Srinivas,V.RamaRaju,Ch.RamaKrishna**,"AnalysingPlane r Dipole antenna with different Arm width operating at 1GHz",International Journal of Engineeringand Innovative Technology, 3(2), pp. 466-469,2013. [Google scholar] (Paid)
- 26. **Prasanna Kumar G**, K.Indirapriyadarsini, "Low Complexity Algorithm for Updating the Coefficients of Adaptive Filter", International Journal of Electronics and Communication Engineering &Technology, 4(3), pp. 63-69, 2013. [Indexed by Thomson Reuters][Google scholar] (Paid)
- 27. **Gayatri Sharman K.V.S.H, K. Rameshchandra**, M. Aravind Kumar, **P.S Maitrey**, **A.K.C.Varma**, "Simulation &Synthesis of a Cryptography Processor for Portable ElectronicDevices", International Journal of Electronics Communication and Computer Engineering,4(4),pp.1240-1244, 2013. [Indexed by Thomson Reuters] [Google scholar] (Paid)
- 28. Rameshchandra K, Ch.V.V.S.Srinivas, A.K.C.Varma, G.Prasanna Kumar, "Analysis of distributed delayjitter control in QOS networks", International Journal for Research in Science & Advanced Technologies, 3(2), pp. 125-130, 2013. [Google scholar] (Paid)
- 29. Ramesh chandraK,M. AravindKumar, AbdulRahamanShaik, Ch.V.V.S.Srinivas, C.V.Pradeep Kumar Reddy, "Synthesis of a TI MSP430 Micro controller Core using Multi-Voltage Methodology", International Journal Engineering and Technology Research Science, 4(7), pp. 2779-2784, 2013. [Google scholar] (Paid)
- 30. **Rameshchandra K, A.M.V.Pathi, B.Prudhvi Raj,** "FPGAImplementation Of Content Addressable Memory", International Journal of Electronics Communication and Computer Engineering, 4(4),pp. 1255-1258, 2013. [Google scholar] (Paid)
- 31. **Rameshchandra K** and **A.M.V.Pathi**, "A Novel Approach For Fir Filter Design Using Dual-Port Memory Based Multiplier", International Journal of Advanced Research in Computer and Communication Engineering, 2(11), pp. 4257-4261, 2013. [Google scholar] (Paid)
- 32. **Abdul Rahaman Shaik** and **A.M.V.Pathi, Prudhvi Raj B, M.Dileep**, "Early Estimation of Delay Characteristics of BRAUN Multiplier", International Journal of ECT, 4(3), pp. 7-10, September 2013. [Google scholar] (Paid)
- 33. **RangaraoOrugu,A.K.C.Varma**, **S.V.S.N.Raju**, **M.S.S.Bhargav**, "Shifting radiation by 90° phase by alternative parallel plate reflectors and enhancing radiation by EBGS", International Journal of Advanced Research in Computer and Communication Engineering, 2(8), pp. 39-42, 2013. [Google scholar] (Paid)
- 34. **RangaraoOrugu,Ch.V.V.S.Srinivas**, **C.V.Pradeep Kumar Reddy**, "Analysis of Planar Dipole Antenna with Arlor material of Different Di- electrics",International Journal of

- Application or Innovation in Engineering &Management,2(8), 2013. [UGC Approved][Google scholar] (Paid)
- 35. **Rangarao Orugu**, D.N.BushanBabu, DivyaGudapaty, Ch.Kutumba Rao, "Effect of EBG on Radiation Energy of Monopole Antenna at Different Places", International Journal of Advanced Research in Electrical Electronics and Instrumentation Engineering,2(9), pp. 4312-4316, 2013. [Google scholar] (Paid)
- 36. Sreeja K.J and **B.Prudhvi Raj**, "A New Switching Median Filter for Impulse Noise Removal from Corrupted Images", International Journal of Engineering Research and Applications, 3(6), pp.496-501, 2013. [UGC Approved][Google scholar] (Paid)
- 37. SudhaBharathiO,T.SivaSankarPhani,N.SMurthySarma,

 Satyanarayana,"A Low Power Remote Monitoring Sensor Network for Flood Monitoring System", International Journal of Research in Computer and Communication Technology, 2(11), pp. 1322-1328, 2013. [Googlescholar] (Paid)
- 38. Suseela M, **B V V Satyanarayana**, MM Varalakshmi, D Sudheer Babu, "A NewHybrid Automated Tarrif System For Grid Connected Solar Power Plants", International Journal of Research in Computer and Communication Technology, 2(12),
- 39. pp.1402-1408,2013.[Googlescholar](Paid)
- 40. **BharathKumarR**and S. Sri Lali, "Implementation of Area Efficientand High BitRateSerial-SerialMultiplierwithon-the FlyAccumulationbyAsynchronousCounters", The International Journal of Engineering Research & Technology (IJERT), 2(12), pp. 1622-1627, 2013. [Google scholar] (Paid)
- 41. Priyanka Koneru, TinnantiSreenivasu, **AddankiPurna Ramesh**, "Asynchronous Single Precision Floating Point Multiplier Using Verilog HDL", International Journal of Advanced Research in Electronics and Communication Engineering, 2(11), pp.885-887, 2013. [Google scholar] (Paid)
- 42. Harini Sharma D and **AddankiPurna Ramesh**, "Floating Point Multiplier Using CanonicalSignedDigit",InternationalJournalofAdvancedResearchinElectronicsan d Communication Engineering, 2(11), pp.872-874, 2013. [Google scholar] (Paid)
- 43. **Satyanarayana K V** and G.S.N.Raju, "Generation of Transient Voltages Due to Direct Lightning on Grounding Grids", International Journal of Engineering Science and Technology, 5(8), pp. 1109-1116, 2013. [Google scholar] (Paid)
- 44. **Satyanarayana K V** and G.S.N. Raju, "Transient Characteristics of Grounding Grids," Journal of Communication, Navigation and Signal Processing, 4(2), pp. 21-29, 2013. [Google scholar] (Paid)
- 45. Tagoor Babu J,J. Doondi Kumar,**O. Rangarao**,D.N Bhushan Babu, S. Sasidhar, "Enhancing and Directing Radiation with Planar and EBGR eflectors", International
- 46. Journal of Engineering Research and Development,7(5), pp.95-98,2013. [Google scholar]

(Paid)

- 47. Doondi KumarJ, J. Bharathi, M. Grace Priscilla, D.N Bhushan Babu, **O. Rangarao**, N. Rupasri, "Design and Analysis of CO-axial Feed Rectangular Patch Antenna on High Impedance Surface", International Journal of Electronics and Computer Science Engineering, pp. 405-410, 2013. [Google scholar] (Paid)
- 48. **Rangarao.Orugu**, K.Neelima, A.V.R. Rajeswari, G. Bangarraju, D. Harshita, Estimated Loud Speaker Impulse Response to Cancel Aural Reverberation, International Journal of Advanced Research in Computer Science, 5(2), 2014,pp- 35-39. [Google scholar] (Paid)
- 49. N.S.Murthi Sarma, N.S.N. Lakshmipathi Raju, T.V. Janardhan Rao, B.Devivara Prasad, B.V.V. Satyanarayana, N.Phani Kumar, A Basic Resarch On Gsm Based Secured advertising System, Journal Of Information, Knowledge And Research In Electronics And Communication, 2(2), pp. 933-936, 2013 [Google scholar] (Paid)
- 50. Bh.V.D. Jagadeeswari, Valluri. Dhana Raj, S. Kanaka Durga, **B.V.V Satyanarayana**, Embedded Based Novel Track Methodology of Physiological Parameters Using Wi-Fi, International Journal of Research in Computer and Communication Technology, 2(12), pp.1393-1401,2013.
- 51. **K.V.S.H.GayatriSarman**, "E-Slate For Mentally Challenged", Proceedings of National Conference on Assistive and Mainstream Technologies for Persons with Special Needs, pp.67-68, 2013



Vishnu Institute of Technology (Autonomous) VISHNUPUR: BHIMAVARAM

FACULTY PUBLICATIONS (BS): 2012

JOURNALS:

- 1. TSR.Murthy, T. Siva Rama Krishna, **M.S.R. Murthy**, Bailey's bulk service rule using Interdependence parameter. International journal of scientific and innovative mathematical research, V (6), 1211-1222., 2012.
- 2. **Rajyalakshmi.ch** and T.Benzamin. Development and validation method for quantification of Norethisterone in formulations by using RP-HPLC. International Journal ofPharmaceutical Research and Development, 4(10): 071-076, 2012. (Scopus)
- 3. **B. Tirumala Rao**, Sandhya cole and P.Syam Prasad. Effects of MoO3 Addition on Spectroscopic properties of Lithium Zinc Borate Glass, Physical Chemistry, 2(6), 94-99,2012.
- 4. **D. Vijaya Lakshmi** and J. B. M. Devi. Let's Do It. Proceedings of National SeminaronMother Tongue, Literature as Resources & the Teaching of English Language, 50-53, 2012.

FACULTY PUBLICATIONS (ECE): 2012

- 5. **Srinivas K** and K.V.S.H.G.Sarman, "Implementation of Embedded automobile Black Box using PIC Microcontroller", Coimbatore institute of information technology(CIIT) 1(1), pp. 506-512, 2012. [Google scholar] (Paid)
- 6. Indirapriyadarsini K, S.Kamalakumari, **G.Prasanna Kumar**, "VLSI Implementation of Pipelined Fast Fourier Transform", International Journal of Advanced Research in Computer Engineering & Technology,1(4),pp. 427-432, 2012. [Google scholar] (Paid)
- 7. **Srilakshmi G** and A.R.S.Balaji, "Adaptive Filtering Techniques with Improved Convergence and Low Complexity for Acoustic Echo Cancellation", International Journal of Systems, Algorithms and Applications, ,pp. 39-43, 2012
- 8. Radha RaniM, G. Rajesh Kumar, **G. Prasanna Kumar**, "Implementation of March Algorithm Based MBIST Architecture for SRAM", International Journal of Advanced Research in Computer Engineering & Technology, 1(3), pp. 248-253, 2012. [Google scholar]
- 9. **K.V.S.H.G Sarman** and **K.Srinivas**, "E-JACKET for Visually Challenged People", Proceedings of International Conference on Biomedical Engineering & Assistive Technology, pp. 455-457, 6-7 December, 2012. (Paid)