

# Vishnu Institute of Technology (Autonomous) VISHNUPUR: BHIMAVARAM

# **FACULTY PUBLICATIONS (BS): 2018**

#### **JOURNALS:**

- 1. **Rama Swamy G.**, Jasmine., Suresh Babu., Vijaya Kumar and Sai Durga Prasad, Somestudies of concentrations of heavy metals in aquaculture ponds in Bhimavaram Mandal, A.P., India in International Journal of Recent Scientific Research, 9(10(B)),pp.29150-29155, 2018. Google Scholar.
- 2. **D.Vijaya Lakshmi** and K.RatnaShiela Mani. Animal symbolism in Paulo Coelho's Novels- A Select study. International Journal of Innovative Research and Studies, 8(2), 306-313, 2018. Google Scholar
- 3. **D.Vijaya Lakshmi** and K.RatnaShiela Mani. Fantastic Elements in Paulo Coelho's Novels- A Select Study. International Journal of English-Literature, Language and Skills7(1), 139-144, 2018. Google Scholar
- 4. **MSR.Murthy**, P.Rajasekhararao and K.Venkatratnam. Stability preserving non standard finite difference schemes for certain biological models. International journal of dynamicsand control, 5(1), 1-9, 2018. Scopus
- 5. **MSR.Murthy**, K.Srinivasa Rao, V.Ravindranath and P.Srinivasarao.Transient Analysis of k-node Tandem Queuing Model with Load Dependent Service rates. International journal of Engineering and Technology, V(1), pp. 64-68.2018. Scopus

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- 6. **M.Rajesh Yadav,** P.Radha Krishna, R.Venkateswara Rao and **G.V.Lakshmikanth**,- Influence of compositional variation on structural, optical and EPR studies of undoped and Mn<sup>+2</sup> doped lithium sodium zinc pyrophosphates||, Materials Today proceedings, 5, pp. 25807–25814, 2018. (Elsivier) (Scopus)
- 7. **B.Tirumala Rao** and Sandhya Cole, -Physical and spectroscopic studies on manganese doped zinc alumino lithium borate glasses, Materials Today: Proceedings, 5, pp. 25815–25822 2018, (Elsevier) (Scopus)
- 8. **V. Rama Devi** and N. Pavan Kumar. Portfolio as an Effective Tool of Teaching. ELT@I Tirupati Chapter 6<sup>th</sup>Annual International Conference on Recent Trends and Innovative Practices in Teaching English Language and Literature; 16thand 17<sup>th</sup>February 2018. The Paper was published in the Proceedings of the conference, 181-183, 2018.
- 9. Sindhura. S and **Rajesh Yadav M.** Synthesis and Luminescent Properties of Mn2+ Doped LiNaZnP<sub>2</sub>O<sub>7</sub> Nanophosphors, Advanced Science Letters, 2018.

## **FACULTY PUBLICATIONS (CE): 2018**

## **JOURNALS:**

- 10. Pala Gireesh Kumar, S.Moses Santha Kumar and **G.Reddy Babu**, Level of Service Studies on Proposed Cycle Tracks in Tiruchirappalli communicated to Canadian Journal of Civil Engineering (SCI).
- 11. **G. Reddy Babu,** P. Gireesh kumar, Effect of Sulfates on Cement and Fly Ash Mortar Made with Treated Domestic Wastewater, accepted to publish in International Journal of Engineering and Technology IJET,2018 (Scopus)
- 12. **G.Reddy Babu, B.** Madhusudana Reddy, N. Venkata Ramana, Quality of Mixing Water in Cement Concrete "A Review" published in Journal of Materials Today: Proceedings Vol. 5,Pp:1313-1320 ,2018(Elsevier) ISSN: 2214-7853
- 13. **G.Reddy Babu,** N. Venkata Ramana, Feasibility of wastewater as mixing water in cement, published in Journal of Materials Today: Proceedings Vol. 5, Pp:1607-1614,2018(Elsevier) ISSN: 2214-7853
- N. Venkata Ramana, G.Reddy Babu, U.Raghu Babu, Bearing Strength of Steel Fibre Reinforced Black Marble Stone Waste Aggregate Concrete, published in Journal of Materials Today: Proceedings Vol. 5, Pp:1201-1210, 2018(Elsevier) ISSN: 2214-7853
- 15. **vs.sarma,sk.s.alisha**, reconnaissance of strength characteristics of recorn polyester fiber recycled aggregate concrete, international journal of management ,technology and engineering,p.p-2436-2449, scopus, impact factor 6.3
- 16. **p.manoj, v.ravi kiran** ,mechanical analysis of buried gas pipe line of different grade of steel at a depth under the influence of sub surface blast loading, irjet, pp544-548google scholar, impact factor 7.529
- 17. **p.manoj, v.ravi kiran**, effect of protective cover on the bured gas pipe line subjected to sub suface blast loading, international journal of research in engineering, science and management, pp280-282,google scholar, impact factor 4.308

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18. **G. Reddy Babu,** Effect of Chemicals on Mortar Cubes Cast With Using Treated Domestic Wastewater, published in International conference on Desalination InDA-2018, Organized by NIT Tiruchirappalli and Indian Desalionation Association on 20th and 21stApril, 2018.

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#### **JOURNALS:**

- 19. **KaliPradeep, Immidi. and Bhaskar, I.**Comparative analysis of recommender systems and its enhancements, International Journal of Engineering & Technology. 7(3.29), pp 304-310,2018. [Scopus]
- 20. **Sridevi, Bonthu. and Himabindu.K.** Review of Leading Data Analytics Tools. International Journal of Engineering & Technology.7(3.31), pp. 10-15, 2018.[Scopus]
- 21. **Mahaboob Hussain,S.,** Prathyusha, Kanakam., and Raghu Varma, Edarapalli. Exploring Bitcoin Cryptocurrency: An Analysis, Applications and its Market Influence. International Journal of Computer Applications. 181(26),pp 44-47, 2018. [Google Scholar]
- 22. **Sarada Devi,V.D.V.S**and Varma, G.P.S. Alzheimer disease worthwhile for early detection, International Journal of Current Advanced Research.7(6F), pp 13495-13497,2018.
- 23. **Ponnada, Sreenu**, Srinivas Yarramalle, and Madhusudhana Rao TV. "A Hybrid ApproachforIdentificationofManholeandStaircasetoAssistVisually Challenged." IEEE Access 6 pp. 41013-41022, (2018). [SCIE] [IF-3.745]
- 24. **Suryateja**, **Pericherla**. Cloud Service Models Threats and Vulnerabilities: A Review,International Journal on Future Revolution in Computer Science and Communication Engineering.4(4), pp 63-67, 2018.[Google Scholar]
- 25. **Suryateja, Pericherla**. Threats and Vulnerabilities of Cloud Computing: A Review, International journal of computer sciences and engineering. 6(3), pp 297-302,2018. [Google Scholar]
- Rama Bhargavi ,P. and Jhansi Rani, S. Energy and Memory Efficient Clone Detection with Multiple Witness Headers. International Journal of Research. 5(4),pp 929-933,2018
- 27. Yaseen Reena,MD and **Ravindra Bharathi,G.** A Survey on Data Storage & Security in Cloud Using RDIC & ID by PKI. International Journal of Engineering and Techniques. 4(1),pp 269-273,2018.

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- in Applied Engineering Sciences, Computer and Communication Technologies.2018. [Scopus]
- 29. **S Mahaboob Hussain**, Prathyusha Kanakam, **D. Suryanarayana**, A Prototype for SemanticKnowledgeRetrievalfromEducationalOntologyUsingRDFandSPARQL. In: Pati B., Panigrahi C., Misra S., Pujari A., Bakshi S. (eds) Progress in Advanced Computing and Intelligent Engineering. Advances in Intelligent Systems and Computing, vol 713. Springer, Singapore, pp.541-550,2018. [DBLP, Scopus]
- 30. **Bonthu, S. and Himabindu, K**. Review on leading Data Analytics Tools in the International conference on Applied Science and Technology(ICAST-2018). pp 10-15,2018. [Google scholar]
- 31. **Prathyusha, Kanakam.,Mahaboob Hussain,**S. and Chakravarthy, A S N. Smart-Trace: A Future Security Aid using Body Odor Sensing of an Individual with IoT. 3<sup>rd</sup> International Conference on Internet of Things and Connected Technologies. pp. 299-302,2018. (ELSEVIER) [SCOPUS, DBLP]
- 32. Jyothi, K. B. and **Bindu, K. H**. A Case Study in R to Recognize Human Activity Using Smartphones. In Proceedings of International Conference on Computational Intelligence and Data Engineering. LNDECT, 9. pp. 191-200,2018. [Scopus]

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#### **JOURNALS:**

- 33. A.P.Ramesh," Novel design of multiplexers using adiabatic logic" International Journal Of Engineering And Technology.7(4), pp. 5331-5339, 2018 (Scopus)
- 34. **A.Naga Ganesh**, Michael Cholines Pedapudi, N.V.Apparao, "Design a Glitch Tolerant Adiabatic Dynamic Logic Circuits for Cryptography", International Journal of Engineering & Technology (UAE), 7 (4.19), pp.402-406, 2018(SCOPUS)
- 35. **B.Prasanthi**, "An Efficient Area and Delay Reduction for Architecture of 256 bit Carry Select Adder", International Journal of Management Technology and Engineering, 8 (X), pp.337-344, 2018. (UGC Approved)
- 36. **Prasanna Kumar** G,Pushpa Kotipalli, B.T.Krishna, "Multi-Path PipelinedArchitecture with twin parallel processing after the second stage for High-Speed FFT",International Journal ofEngineering & Technology(UAE),7(3.29), pp. 35-38,2018. (SCOPUS)
- 37. Trinadh Kumar A.S.S and **B.V.V.Satyanarayana**, "Low VoltageHigh Speed 8T SRAM Cell For Ultra Low Power Applications", International Journal of

- Engineering & Technology (UAE), 7(3.29), pp. 70-74, 2018.(SCOPUS)
- 38. Ravi Sankar M and **K,V.Satyanarayana**, "Ergodic sum rate of transmitting antenna selection in non-orthogonal multiple access for modern systems" International Journal of Engineering & Technology (UAE), 7(3.29), pp. 61-64, 2018.(SCOPUS)
- 39. Rangarao Orugu, Srilatha Gundapaneni, N.Maryleena, A.K.Chaitanya Varma, "Varying Operating Frequency of Concentric Circular Ring Patch Antenna using High Impedance Surface", International Journal of Engineering & Technology(UAE),7(3.29),pp.57-60, 2018.(SCOPUS)
- 40. **Veerendra Nath Nune and Addanki Purna Ramesh**, "Novel Design of Multiplexer and Demultiplexer using Reversible Logic Gates", International Journal of Engineering & Technology (UAE), 7(3.29), pp. 80-87, 2018.(SCOPUS)
- 41. Rama Krishna .Ch, A. Naga Ganesh, D. Durga Prasad, "Design of Elliptical Shaped Micro- Strip Patch Antenna for Ka Band" International Journal of Research and Analytical Reviews, 5(3), pp. 961-965, 2018. (UGC Approved)
- 42. **S. Siva Parvathi Lakshmi Durga, P.S.N. Murthy, K.Srinivas**, "Dual Digit Signature using Stationary Wavelet Transform-Singular Value Decomposition", Global Journal Of Engineering Science And Researches, ISSN 2348 8034, pp.522-531, 2018. (Google Scholar)
- 43. **P.Santhosh Teja, P.S.Maitrey**, "Image Encryption and Performance Analysis Using Elliptical Curve Cryptography", Global Journal Of Engineering Science and Researches, ISSN 2348 8034, pp.512-521, 2018. (Google Scholar)
- 44. **B. Elisha Raju, P.S.N. Murthy**, "Face Recognition Using DWT-SVD based Feature ExtractionMethods", Global Journal of Engineering Science and Researches, ISSN2348 8034, pp.499-504, 2018. (Google Scholar)
- 45. **Sony P, K. Kiran**, **Ch. Divya Susmitha**, "Variable Step Size NLMS Algorithm for Speech Dereverberation", International Journal of Computer Applications, 179(39), pp. 44-47,2018. [Google scholar]
- 46. Raviteja P, B. V. V. Satyanarayana and D. Durga Prasad, "Efficient Adaptive Hold Logic Aging-Aware Reliable Multiplier Design using Verilog HDL", International Journal of Computer Applications, 179(26), pp. 5-12,2018. [Google scholar]

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47. **R.Sravani, K. Srinivas, B. Prudhvi Raj**, "Removal of Low Density Impulse Noise from Gray-Scale Images Using New Modified Hybrid Median Filter with Various Sliding Window Sizes", Proceedings of IEEE International Conference on Recent Trends in Electronics, Information & Communication

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- 48. **Padmavathy N** and N Suresh Naidu, Fuzzy Logic Applications on Image Enhancement Using Histogram Equalization Technique, International Conference on Applied Science and Technology (ICAST 2018), pp. 39, 2018.

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- 49. V. Karthikeyan, S. Rajasekar, **S. Pragaspathy** and F. Blaabjerg, "Core Loss Estimation of Magnetic Links in DAB Converter Operated in High-Frequency Non- Sinusoidal Flux Waveforms," 2018 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), IIT Madras, India, 2018, pp. 1-5, (SCOPUS)
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- 51. Gopala krishnaiah, Srinivasarao. Ch, **Anupama francy. K** Multiple Process Parameter Optimization of Roll Forming on High Strength Steelusing TOPSIS, International Journal of Engineering & Technology, 7, (2018) 199-202 https://www.researchgate.net/publication/329862786 Multiple Process Parameter Opti mization of Roll Forming on High Strength Steel using TOPSIS
- 52. **N. Naga Krishna**, Study on CFF–Polyester Composites, Materials Today: Proceedings5, 1-10, 2018 Scopus, Free Publication <a href="https://doi.org/10.1016/j.matpr.2017.11.548">https://doi.org/10.1016/j.matpr.2017.11.548</a>
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- 54. Ramu I, Narendra M and Venu M, Effect of hygrothermal environment on free vibration characteristics of FGM plates by finiteelement approach, Materials Science & Engineering, 377-012021, 2018, Scopus, Free Publication doi:10.1088/1757-899X/377/1/012021

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- 56. **I Ramu, K VGR Seshu and M Venu**, Natural frequency of skew FGM plates using finite element method, Materials Science & Engineering, 455(2018)012024, Scopus, Free Publication,doi:10.1088/1757-899X/455/1/012024

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- 57. **Bhanuprakash Ch, Vinod Mumminaand Mahesh Chakravarthi V**, Performance Evaluation of an Eco-Cooler, analysed by varying the Physical and flowParameters, IOP Conference Series: Materials Science and Engineering, Materials and Renewable Energy 8–10 December 2017, Sikkim, India,Scopus,Free,https://iopscience.iop.org/issue/1757-899X/377/1
- 58. **K. Rajendra**, "Experimental Investigation on Performance Characteristics of FourStroke single Cylinder Petrol Engine Using a Pre-Heating Set-Up and Fuel Blends". International Conference on Advances in Design, Materials, Manufacturing & Energy System[ADMMES-2018],15-Sept-2018, MALLAREDDY ENGINEERING COLLEG, Hyderabad, India.