

Dr.N.BALAJI - PROFESSOR / HEAD & DEAN - SETHU INSTITUTE OF TECHNOLOGY

VIRUDHUNAGAR & 626115

9486228337 - hodcse@sethu.ac.in

- 1.A neuro fuzzy algorithm to compute software effort estimation –
N Shivakumar, N Balaji, K Ananthakumar Global Journal of Computer Science and Technology – 2016
- 2.Effect of peristaltic flow of a third grade fluid in a tapered asymmetric channel
J Prakash, EP Siva, N Balaji, M Kothandapani
Journal of Physics: Conference Series 1000 (1), 012165 – 2018
- 3.Effects of Magnetic field on Peristalsis transport of a Carreau Fluid in a tapered asymmetric channel
J Prakash, N Balaji, EP Siva, M Kothandapani, A Govindarajan Journal of Physics: Conference Series 1000 (1), 012166 – 2018
- 4.Ultra-high performance liquid chromatographic determination of genotoxic impurities in febuxostat drug substance and products N Balaji, S Sultana Asian J Pharm Clin Res 10 (1), 324-330 – 2017
- 5.Reversed-phase UHPLC enantiomeric separation of rasagiline salts using a Chiralpak® AGP Column
N Balaji, S Sultana Scientia pharmaceutica 85 (3), 26 – 2017
- 6.ADSMS: Anomaly Detection Scheme for Mitigating Sink Hole Attack in Wireless Sensor Network
NM Yasin, N Balaji, G Sambasivam, MSS Basha, P Sujatha - International Conference on Technical Advancements in Computers and Communications (ICTACC) 2017
7. Optimal resource model using matlab/simulink controlled queuing system using multiserver at major fuel stations N Balaji International Journal of Pure and Applied Mathematics 113 (12) – 2017
8. An efficient and enhanced memory based FFT processor using radix 16 booth with carry skip adder
A Ramakrishna, N Balaji, P Srihari
2016 International Conference on Signal Processing, Communication, Power and Embedded System (SCOPEs) – 2016
9. Statistical interpretation of the experimental output to identify better performing treatment units of constructed wetland for wastewater treatment JS Sudarsan, RJ Rajan, S Arun, N Balaji
AIP Conference Proceedings 2112 (1), 020015 – 2019
- 10.Non-linear blood flow analysis on MHD peristaltic motion of a Williamson fluid in a micro channel
J Prakash, N Balaji, EP Siva, AD Chanrasekaran - AIP Conference Proceedings 2112 (1), 020048 – 2019
- 11.Optimal service using Matlab-simulink controlled Queuing system at call centers
N Balaji, EP Siva, AD Chandrasekaran, V Tamilazhagan Journal of Physics: Conference Series 1000 (1), 012167 – 2018
12. GC and GC-MS Detection of Alkyl Mesylates in Active Pharmaceutical Ingredients
N Balaji, S Sultana Int. J. Pharm. Sci. Rev. Res 46 (2), 88-92 – 2017
13. Average maps model of super fuzzy cognitive to analyze middle class family problem
AD Chandrasekaran, C Ramkumar, EP Siva, N Balaji - AIP Conference Proceedings 2112 (1), 020047 – 2019

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14. Study on Static and Dynamic Traffic Control Systems - N Moganarangan, N Balaji, RG Suresh Kumar, S Balaji, N Palanivel International Journal of Pure and Applied Mathematics 119 (12), 565-579 - 2018

15. Cloud-ERP: Implementation strategies, benefits and challenges
K Vadivelu, N Balaji, N Poongavanam, S Tamilselvan, R Rajakumar - International Journal of Pure and Applied Mathematics 119 (14), 1359-1364 – 2018

16. Solving the multi-period fixed cost transportation problem using LINGO solver
N Balaji, AN Balaji - International Journal of Pure and Applied Mathematics 119 (12), 2151-2157 – 2018

17. Prediction of weld strength of ultrasonic metal welding of copper wire–Al8011 sheet
S Raja, N Balaji - Int J Pure Appl Math 119, 2217-2224 – 2018

18. Performance Analysis of Friction Stir Welding on Aluminium Aa7075 and Aa2024 Alloy Material
N Balaji, S Kannan, S Arun , Int. J. Eng. Res. Adv. Technol 3, 1016 – 2017

19. Sensitive determination of related substances in pioglitazone hydrochloride by hplc
N Balaji, S Sultana - Int J App Pharm 9 (2), 34-41 – 2017

20. Design Verification And Test Vector Minimization Using Heuristic Method Of A Ripple Carry Adder
KLVR Kumari, MA Rani, N Balaji - International Journal on Cybernetics & Informatics (IJCI) 5 (4), 307-313 – 2016

21. Various Alternative Sources for Silica Sand, Binders and Additives in Sand Casting and their Properties–A Review
N Prabhushankar, N Balaji - IOP Conference Series: Materials Science and Engineering 993 (1), 012137 – 2020

22. Experimental study on usage of industrial waste in road construction
MG Prathap, N Balaji, JS Sudarsan - AIP Conference Proceedings 2277 (1), 150001 – 2020

23. Design and analysis of segmental bridge in India
GS Suprajha, P Tamilarasan, N Balaji, JS Sudarsan, K Prasanna - AIP Conference Proceedings 2277 (1), 020004 – 2020

24. Evaluating environmental impact of Ockhi Cyclone in Kanyakumari District
R Varadharajan, P Tamilarasan, N Balaji - AIP Conference Proceedings 2277 (1), 240002-2020

25. Technology and ease of life-Role of foreign language
P Tamilarasan, N Balaji, YL Choudary - AIP Conference Proceedings 2277 (1), 240004-2020

26. Study of air pollutants and its impact at selected signal junctions on GST Road along Kattankulathur to Guduvanchery stretch in Chengalpattu District
K Prasanna, K Kalaiarasan, RP Kumar, GS Suprajha, N Balaji,- AIP Conference Proceedings 2277 (1), 240001-2020

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A Govindarajan, N Balaji, G Gajendran, H Behra - AIP Conference Proceedings 2277 (1), 010001 – 2020

28. Application of Fuzzy Rule based System for Highway Research Board Classification of Soils
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30. Assessment of ankle brachial index in subjects and its relationship with age and body mass index-A pilot study
AK Jayanthi, N Balaji, M Balasubramanyam, A Krishnan,- AIP Conference Proceedings 2112 (1), 020054 -2019
31. Influences of shear stress on peristaltic transport of a non-Newtonian fluid in a micro asymmetric channel
J Prakash, EP Siva, N Balaji, AD Chandrasekaran - AIP Conference Proceedings 2112 (1), 020053 – 2019
32. An Optimized Memory Allocation and Deallocation Method while Programming in Python
SSS Mallika, IM Mary, M Priyadharshini, N Balaji - Journal of Operating Systems Development & Trends 6 (1), 1-6 – 2019
33. FPGA Implementation of NPSF Testing using Block Code Technique
KLVR Kumari, MA Rani, N Balaji, SK Salauddin - Global Journal of Computer Science and Technology – 2018
34. Fuzzy Mathematical Models To Remove Poverty Of Gypsies In Tamilnadu
AD Chandrasekaran, C Ramkumar, EP Siva, N Balaji - Journal of Physics: Conference Series 1000 (1), 012059 – 2018
35. A Study on the Level of Awareness and Knowledge on Carcasses and Animal Waste Disposal among Farmers in Puducherry Region
K Rajkumar, A Bhattacharya, SH Balaji, S David, M Jayakumar, N Balaji, - International Journal of Agriculture, Environment and Biotechnology 11 - 2018
36. A SURVEY ON ATTACKS AND SECURITY GOALS IN WSN
N Poongavanam, P Lathaparthiban, K Vadivelu, H Sathiyamoorthi,- International Journal of Pure and Applied Mathematics 119 (14), 1641-1646 – 2018
37. Distributed Spanning Tree Construction Using Centrality Ranking Algorithm in P2P Network
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39. TRANSPORT-SUPPORT WORKFLOW COMPOSITION AND OPTIMIZATION FOR BIG DATA WITH VIRTUALIZATION

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41. Enhancing Security in Peer-To-Peer File Transmission over Content Centric Network

S Sumitha, S Sujitha, K Maheswari, N Balaji, S Gurulingam - International Journal of Pure and Applied Mathematics 119 (12), 3155-3165 – 2018

42. EQVS: Enhanced Quality Video Streaming Distribution over Wired/Wireless Networks

B Anantharaj, N Balaji, G Sambasivam, MSS Basha, T Vengattaraman - 2017 International Conference on Technical Advancements in Computers – 2017

43. FPGA Implementation of Memory Design and Testing

KLVR Kumari, MA Rani, N Balaji - 2017 IEEE 7th International Advance Computing Conference (IACC), 552-555 – 2017

44. Hyderabad, Telagana, India Padmasree_l@ vnrvjiet. in

E Srinivas, N Balaji, L Padmasree - International Journal of Pure and Applied Mathematics 114 (10), 151-162 – 2017

45. Efficiency of Controlled Queue system in Supermarket using Matlab/Simulink

N Balaji - International Journal of Pure and Applied Mathematics 114 (6), 283-288 – 2017

46. A NOVEL FRAMEWORK FOR MULTIFACETED QOSBASED WEB SERVICE DISCOVERY AND COMPOSITION

G Sambasivam, N Balaji, J Amudhavel, T Vengattaraman - International Journal of Pure and Applied Mathematics 115 (8), 175-181 – 2017

47. ANQOSBASED WEB SERVICE DISCOVERY APPROACH–A COMPREHENSIVE STUDY

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48. EFFICIENT LIMITED SCALE-FREE OVERLAY TOPOLOGIES FOR PEER-TO-PEER NETWORK ARCHITECTURE

B Anantharaj, N Balaji, G Sambasivam, MSS Basha, T Vengattaraman - International Journal of Pure and Applied Mathematics 117 (19), 469-477 – 2017

49. LC Determination of Diastereomeric Impurities of Entecavir in Drug Substances and Drug Products

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