



Dr. D.V.DIVAKARA RAO

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Department

Computer Science Engineering

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Academic Background

Ph.D (Computer Science and Technology) – Andhra University

M.Tech (Computer Science and Technology) – Andhra University

B.Tech (Electronics and Communication Engineering) – Institution of Electronics and Telecommunications Engineers, New Delhi, India.

Dr. Venkata Divakara Rao Dusi is currently an Associate Professor in Raghu Engineering College, Visakhapatnam. He has done his Ph.D. from Andhra University, Visakhapatnam, India. He did his M.Tech from Andhra University (A.U), Visakhapatnam and IETE from Institution of Electronics and Telecommunications Engineers, New Delhi, India. He had a total experience of around 15 years in Teaching both at UG and PG level. He has published papers in 9 international journals, 3 national and international conferences in his field.

He has 1 professional life membership. He received Doctoral degree for the research done in the area of MANET's. His areas of interest and research includes MANET's, Wireless Sensor Networks and Internet of Things.

He is a member of professional group like CSI.

Research Interests:

MANET's, Wireless Sensor Networks and Internet of Things.

Achievements:

"Fuzzy based location Aided Routing protocol to minimize energy consumption in MANETs", International Journal of Innovative Science and Research Technology(IJISRT), Volume 3 Issue 10, October 2018, ISSN No: 2456 - 2165, Pages: 478-484.

"Integrating power saving mode in LAR protocol to minimize energy consumption in MANETs", Journal of Wireless Communication, Network Mobile Engineering Technology, Volume 3 Issue 3, Mantech Publications, 2018, Pages 1-16.

"Performance comparison of geographical LAR with on-demand AODV and DSR routing protocols in MANETs", International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), Volume-5 Issue 7, July 2017 ISSN: 2321 - 8169, pages: 782-785.

" Analyzing the impact of nodedeploymentmodels on the performance of LAR protocol in MANETs", International Journal of Current Engineering and Scientific Research (IJCESR) – Volume 4 Issue 8, July 2017, ISSN: 2393-8374, Page(s): 37 - 42.

ARTIFICIAL NEURAL NETWORK BASED FUZZY INFERENCE SYSTEM FOR THE DETECTION OF VALID USERS IN THE WIRELESS SENSOR NETWORK, Anveshini Dumala¹, D.V. Divakara Rao², Sk. Reshmi Khadherbhi³, K. Santhi Sri⁴, Journal of Critical Reviews, ISSN- 2394-5125 Vol 7, Issue 6, 2020, 19.04.2020.

Digital Certificate Validation for Improving Security in Ad Hoc Networks Dumala Anveshini¹, D. V. Divakara Rao², R S M Lakshmi Patibandla³, Sk. Reshmi Khadherbhi⁴, TEST Engineering and Management, May - June 2020 ISSN: 0193-4120 Page No. 11026 – 11034.

An Operative Overcrowding and Energy Efficient Regulating Scheme for MANET with Comparative Traffic Link Vector Routing, 1D.V.Divakara Rao, 2 SagirajuSrinadhRaju, 3B.Satish Kumar, 4 P.Sampath Kumar, 5K.Saikumar, Journal of Green Engineering (JGE) Volume-10, Issue-9, September 2020.

A Real and Accurate Energy Efficient Localization Model in WSN Using Machine Learning Technique, KasiprasadMannepalli, 2D.V. Divakara Rao, 3Gowtham Mamidiseti, 4B. Ravi Prasad, 5K. Saikumar, Journal of Green

Engineering (JGE) Volume-10, Issue-12, December 2020, 13195- 13209.

AN LSTM APPROACH TOWARDS DIABETES DETECTION USING MACHINE LEARNING, Srinivas Kalluri, Dr.D.V.Divakara Rao, Dr.K.V.Satyanarayana, International Journal of Creative Research Thoughts (IJCRT) 2021 IJCRT | Volume 9, Issue 7 July 2021 | ISSN: 2320-2882

P M Manohar,D V Divakara Rao,"Analyzing the impact of Physical Characteristics of AODV Routing Protocol in MANETs", Intelligent Technology in Electronics, Computing and Communication (ITECC 2021),Tamilnadu,India,January 2021.

P M Manohar,D V Divakara Rao,"Performance Enhancement of DYMO Routing Protocol in MANETs using Machine Learning Technique",5th International Conference on Smart Computing and Informatics (SCI-2021),Telangana,India,September 2021.

Pattisapu Manikanta Manohar,Dusi Venkata Divakara Rao,"DOE to identify the most important factors to enhance the efficiency of Reactive routing protocols in MANETs",5th International Conference on Inventive Communication and Computational Technologies(ICICCT2021),Tamilnadu,India,June 2021.

