

**Name: Dr.V.Janaki**



**Qualification :Ph.D-JNTU Hyderabad**

**Experience (write a brief paragraph): 25 Years**

**Area of Interest:** Information Security, Computer Networks, Software Engineering.

**Subjects Taught:**Formal Languages &Automata Theory, Wireless Application Protocol, Adv.ComputerArchitecture,Dbms, Computer Networks, Language Processors, Network Security And Cryptography, C-Language, Software Engineering,DAA,STLD.

**Projects guided:**

**Guided Ph.D Scholars**

<b>Title</b>	<b>Student Name</b>	<b>Year</b>
<b>Image</b> Compression involving Quantization and HAARWavelet Transform & Image Encryption using Secret key	<b>Ch.Samson</b>	<b>2009-2014</b>
<b>Text</b> Independent Language Recognition using Statistical Approaches	<b>M.Sadanandam</b>	<b>2009-2014</b>
<b>Some Problems in Cryptography and Network Security</b>	<b>K.Anup Kumar</b>	<b>2009-2015</b>

**Research Publications:(IEEE reference format)**

**2017-2018**

[1] V.Radhakrishna, P.V.Kumar, V.Janaki,ASTRA- A Novel Interest Measure for

UnEarthing Latent Temporal Associations and Trends Through Extending Basic Gaussian Membership Function Multimedia Tools and Applications , Springer International Publishing AG, Springer, US ISSN :1573-7721,2017,Scopus and Science Citation Index Expanded

- [2] V.Radhakrishna, P.V.Kumar, V.Janaki,SRIHASS - a similarity measure for discovery of hidden time profiled temporal associations Multimedia Tools and Applications , Springer International Publishing AG, Springer, US .ISSN :1573-7721,2017,First Online 21 Sept 2017,Scopus and Science Citation Index Expanded
- [3] Shadi A. Ajawarneh, V.Radhakrishna, P.V.Kumar, V.Janaki,G-SPAMINE: An approach to discover temporal association patterns and trends in internet of things Future Generation Computer Systems”, Elsevier B.V ,ISSN : 0167739X-2017,Scopus and Science Citation Index Expanded
- [4] V.Radhakrishna, Shadi A. Ajawarneh, P.V.Kumar,V.Janaki,,A novel fuzzy similarity measure and prevalence estimation approach for similarity profiled temporal association pattern mining Future Generation Computer Systems, Elsevier B.V,ISSN : 0167739X-2017,Scopus and Science Citation Index Expanded
- [5] "V.Radhakrishna, P.V.Kumar, V.Janaki, Aravind Cheruvu,,A dissimilarity measure for mining similar temporal association patterns-IADIS INTERNATIONAL JOURNAL ON COMPUTER SCIENCE AND INFORMATION SYSTEMS(ISSN: 1646-3692)-2017,Web of Science, Emerging Sources Citation Index by Thomson Reuters, EBSCO, Genamics
- [6] V.Radhakrishna, P.V.Kumar, V.Janaki,,"Design and analysis of similarity measure for discovering similarity profiled temporal association patterns IADIS INTERNATIONAL JOURNAL ON COMPUTER SCIENCE AND INFORMATION SYSTEMS, PORTUGAL (ISSN: 1646-3692) 2017 Web of Science, Emerging Sources Citation Index by Thomson Reuters, EBSCO, Genamics
- [7] V.Radhakrishna,P.V.Kumar, V.Janaki,,"Estimating Prevalence Bounds of Temporal Association Patterns to Discover Temporally Similar Patterns Advances in Intelligent Systems and Computing",Springer Verlag, Volume 576-ISSN:2194-5357-2017,"SCOPUS, Web of Science ,(Conference paper First Online: 21 May 2017)"
- [8] V.Radhakrishna,P.V.Kumar, V.Janaki,"Computationally Efficient Approach for Mining Similar Temporal Patterns,Advances in Intelligent Systems and Computing,Springer Verlag,Volume 576-ISSN:2194-5357-2017,"SCOPUS, Web of Science,(Conference paper First Online: 21 May 2017)"
- [9] V.Radhakrishna, P.V.Kumar,V.Janaki,"Normal Distribution Based Similarity Profiled

Temporal Association Pattern Mining (N-SPAMINE)" Database Systems Journal, Vol. VII, Issue 3/2016-2017,Google Scholar,DOAJ .

- [10] V.Radhakrishna,Shadi A. Ajawarneh, P.V.Kumar, V.Janaki ,Design and Analysis of a Novel Temporal Dissimilarity Measure Using Gaussian Membership Function ",IEEE ICEMIS 2017, Monastir, Tunisia,ISBN :978-1-5090-6778-7/17-2017,SCOPUS & IEEE XPLORE
- [11] Kalyanapu Srinivas, Dr.V.Janaki, "Crypto Key Generation From Selected Portion On An Image With CRT ", published in International Journal of Engineering and Technology (IJET),p-ISSN:2319-8613,ISSN:0975-4024,DOI:10.21817/ijet/2017/v9i3/170904051,Vol 9 No 3 Jun-Jul 2017
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- [13] A Novel Back Pressure Algorithm using Shadow in Wireless Ad Hoc Network, Ugendhar Addagatla, Dr.V.Janaki, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-6 Issue-5, June 2017.
- [14] A novel implementation of backpressure algorithm in wireless ad hoc network Ugendhar Addagatla, Dr.V.Janaki, International Journal of Engineering & Technology, 2018, PP:181-185.

## **2016-2017**

- [15] **V.Janaki, P.KumaraSwamy, C.V.Guru Rao** -A Survey On Key Authentication Schemes in Public Key Cryptography. ISBN: 178-1-5396-2645-9, ICRIEAT-2016.
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- [18] **V.Janaki, P.KumaraSwamy, C.V.Guru Rao** -Empirical Study Of A Key Authentication Scheme in Public Key Cryptography. ISSN-2248-9622, Vol 7,Issue 3,

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### **2015-2016**

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#### **2014-2015**

- [39] **Dr.V.Janaki, Y.Bhavani**-IP Trace back through modified Probabilistic Packet Marking algorithm using Chinese Remainder Theorem, accepted for publication in Ain Shams Engineering Journal, Elsevier Publication. Impact factor: 1.027

#### **2013-2014**

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