

Dr. K. V. Ramana



Professor

Department of Computer Science & Engineering
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Education

- 2011 Rayalaseema University..... Kurnool, AP, India
Doctor of Philosophy (Ph.D) in Computer Science & Technology.
Thesis Titled: ***Neural Network Based Classification and Diagnosis of Brain Hemorrhages***
- 1990 University of Hyderabad.....Hyderabad, AP, India
Master of Technology (M.Tech) in Computer Science & Engineering.
- 1986 Jawaharlal Nehru Technological University.....Hyderabad, AP, India
Bachelor of Technology (B.Tech) in Electronics and Communication Engineering.

Employment

Total Teaching Experience: 27 Years

- March' 2012 – Present Jawaharlal Nehru Technological University..... Kakinada, AP, India
Professor, Department of Computer Science & Engineering
- Feb'2006 – Feb'2012 Jawaharlal Nehru Technological University Kakinada, AP, India
Associate Professor, Department of Computer Science & Engineering
- Jan'2000 – Jan'2006 Jawaharlal Nehru Technological University.....Kakinada, AP, India
Assistant Professor, Department of Computer Science & Engineering
- Dec'1998 – Dec'1999 MVGR COLLEGE OF Engineering.....Vizianagaram, AP, India
Associate Professor, Department of Computer Science & Engineering

Nov'1997 – Nov'1998 APTECH ASSET INTERNATIONAL.....Vishakapatnam, AP, India
Director – Academics and Software Development

Dec'1990 – Oct'1997 Sir CRR College of Engineering.....Eluru, AP, India
Lecturer, Department of Computer Science & Engineering

Publications

International Journals

- [J1] K.V.Ramana and Raghu.B.Korrapati, Neural Network Based Classification and Diagnosis of Brain Hemorrhages, International Journal of Artificial Intelligence and Expert System (IJAE), Volume (1), Issue (2), July 2010, pages 7-25.
- [J2] K.V.Ramana, Raghu.B.Korrapati, S.Hemanth, and N.Praveen Kumar, Replica Placement in Unstable Radio Links, International Journal of Computer Networks (IJCN). Volume (2), Issue (6), February 2011, pages, 227-239.
- [J3] K.V.Ramana Raghu.B.Korrapati, N. Praveen Kumar and D. Prakash, Efficient Traducer Tracing System Using Traffic Volume Information, International Journal of Advanced Computer Science and Applications, (IJACSA), Special Issue on Wireless & Mobile Networks, August 2011, pages 40-49.
- [J4] K.V.Ramana, Raghu.B.Korrapati, N.Pattabhi Ram, and K.Syam Kumari. Traffic Control System by Incorporating Message Forwarding Approach, International Journal of Computer Networks (IJCN), Volume (3), Issue (4), October 2011, pages 209-221.
- [J5] K.V.Ramana, Raghu.B.Korrapati, K.S.S.Praveen and Bh.V.Naveen. Performance of Various Mobile IP Protocols and Security Considerations, International Journal of Computer Networks (IJCN), Volume (3), Issue (4), October 2011, pages 222-238.
- [J6] K.V.Ramana and N.S.V.Srinivas, Attack Detection and Classification of Heterogeneous Wireless Sensors Using Co-Clustering, International Journal of Engineering and Technology (IJET), Vol 4 No 1 Feb-Mar 2012, pages 11-14.
- [J7] K. V. Ramana, Chiranjeevi Palaparthi , Mahaboob Basha Mula, and Satya Krishna Pepakayala, A Prototype System using Lexical Chains for Web Images Retrieval Based on Text Description and Visual Features, International Journal on Computer Science and Engineering (IJCSE), Vol. 4 No. 05 May 2012, pages 846-852.

- [J8] K. V. Ramana, Gowtham Kumar Lingabathina, Michael Vijayanand Songa, Paluri Vara Prasad, Light Weight and Secured Mobile Commerce in Android Environment, Journal of Current Engineering Research (JCER), Volume(2),Issue(2), April 2012,pages 56–59.
- [J9] Jagadeeswara Rao.E, Nimmakayala.S.V.Srinivas and K.V.Ramana, Predilection Perspective of Peremptory Evaluation of Wireless Sensor Networks with Machine Learning Approach, Global Journal of Computer Science and Technology Network, Web & Security (GJCST) (USA), Volume (12), Issue (10), Version 1.0, August 2012, pages 56–59.
- [J10] R. Srinivas, K.V.Ramana, “A Novel Method VESTAL to Label Lumbar Vertebrae and Intervertebral Discs”, International Journal of Computer Applications (IJCA), Volume 113, No. 18, March 2015.
- [J11] R. Srinivas, K.V.Ramana, “Classification of Intervertebral Disc Degeneration (IVDD) using VESTAL”, Global journal GJMR Volume 15, Issue 1, Version 1.0.

International Conference Publications

- [C1] K.V.Ramana and Khader Basha Sk. Neural Image Recognition System with application to Tuberculosis detection, in Proceedings of the International conference on Informational Technology–ITCC2004 Las Vegas, ITCC2004, pages 694–698, 2004.
- [C2] K.V.Ramana and L.Pratap Reedy. A Neural Network based Imaging System for fMRI Analysis Implementing Wavelet Method, In Proceedings of the International conference on Circuits, Systems, Electronic controls and Signal Processing, WSEAS, pages 454–459, 2007.
- [C3] K.V.Ramana and L.Pratap Reedy. Neural Network based Classification and Diagnosis of Brain Hemorrhages, in Proceedings of the Allied Academics International conference, New Orleans, Allied Academics, pages 7–25, 2009.
- [C4] K.V.Ramana and G.Vijay. A Linear Neural Network Imaging Model for EEG Analysis, In Proceedings of the International conference on Systemic, Cybernetics and Informatics, ICSCI, pages 3–10, 2007.
- [C5] R. Srinivas, K.V.Ramana, “A Fully Automated New–Fangled VESTAL to Label Cervical Vertebrae and Intervertebral Discs”, Elsevier supported Third International Conference on Recent Trends in Computing 2015 (ICRTC15), March 12–13 New Delhi 2015.
- [C6] R. Srinivas, K.V.Ramana, “A Fully Automated New–Fangled VESTAL to Label Vertebrae and Intervertebral Discs”, XIII International Conference on Artificial Neural Networks (ICANN15), May 14–15, Netherland 2015.

- [C6] R. Srinivas, K.V.Ramana, " A Fully Automated New-Fangled VSDA To Label Cervical Vertebrae and Intervertebral Discs", IEEE sponsored Second International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS15), March 19-20, Coimbatore, 2015.
- [C7] RGNBC: Rough Gaussian Naïve Bayes Classifier for Data Stream Classification with Recurring Concept Drift D. Kishore Babu¹ · Y. Ramadevi² · K. V. Ramana³
- [C8] A Review on Dynamic Concept Drift Authors: D. Kishore Babu, Dr. Y. Ramadevi, Dr. K.V.Ramana
- [C9] PGNBC: Pearson Gaussian Naïve Bayes Classifier for Data Stream Classification with Recurring Concept Drift 1D. Kishore Babu, 2.Dr.Y.Ramadevi and 3Dr.K.V.Ramana

National Conference Publications

- [C5] Shape of Analysis of Chromosomes Using Morphologic Techniques, WIPRA-96, pages 12-16, 1996.
- [C6] Neighbourhood Image Generation and their Characteristics, WIPRA-96, pages 46-52, 1996.
- [C7] Reliable Unicasting in Disconnected and Faulty Hyper Cubes Using Safety Levels, National conference on Mathematical and Computational Models, pages 34-40, 2003.

Positions Held & Current

ICET Member – 2014

ICET Member – 2015

PGCET Co-convenor

EAMCET Co-ordinator – 2016 – 2017

AP Police Recruitment Board Member – 2016 – 2017

Professional Activities

In-Campus Activities

- Officer on Special Duty (OSD) –Present
- Chairman-Board of Studies –Dept of CSE &IT, JNTUK– Present
- Director IIIT&P
- Program Director Centre for Entrepreneurship Development
- Coordinator Entrepreneurship Development Cell
- Coordinator Logistics

- Controller of Examinations (JNTUK)
- Deputy Warden

Countries Visited for Conferences

- Archon-France 2007.
- New Orleans-USA, 2009.
- Chicago State University- USA, 2016.
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Professional Body Memberships

[1] MISTE

[2] MIETE

Journals Refereed

[1] Elsevier

[2] IJSCA

Under Guidance

M.Tech/MCA Awarded No: 60

PhD (Awarded) No : 01

Ph.D Present Guiding : 05

Subjects Taught

Computer Organisation & Architecture
 Operating System
 Database Management System
 Digital Logic & Design
 Systems Programming
 Advanced Operating System
 Advanced Computer Architecture
 Architecture OOAD through UML
 Data Structures through C

Book Published

Titled: Neural Network Based Classification and Diagnosis of Brain Haemorrhages
(A Practical Approach)

Publisher: LAP LAMBERT Academic Publishing (May 4, 2012)

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Dr. K.V.Ramana