Dr. R Sridevi

B.E(CSE), M.Tech, Ph.D

Professor

MISTE, MIETE

Computer Science & Engineering

Areas of Interest:
Network Security & Cryptography, Computer Networks,Data Structures

Educational & Professional

Academic Qualifications
- Ph.D in CSE, JNTUH (2004-2010)
- M Tech in CSE, Andhra Univerisity with First Class (2001-2003)
- BE in CSE, Madras University with First Class (1996-1999)
- Diploma in Computer Science & Engineering in CSE, SBTET with First Class with Distinction (1992-1995)

Professional Experience

At JNTUH
- Professor, JNTUHCEH, Hyderabad (2013 - Till Date)
- Associate Professor, JNTUHCEH, Hyderabad (2006 - 2013)

Publications

International Journals

- N Rajitha, R Sridevi, *Implementations of Secure Reconfigurable Cryptoprocessor A Survey*, AISC Series, ISBN No.978-81-322-2753-3, pp.11-19, Springer, February, 2016
- N Rajitha, R Sridevi, *Cryptographic key protection in a Cryptoprocessor*, Elsevier Procedia, Vol No.78, pp.271-275, Elsevier, Jan, 2016
- Vasavi Bande, R Sridevi, *Cloud Security Using Fully Homomorphic Encryption*, IJCNS, Recent Science Publications, May, 2016
- D Kalyani, R Sridevi, *Survey on Identity based and Hierarchical Identity based Encryption Schemes*, International Journal of Computer Applications Foundation of Computer Science (FCS), NY, USA, ISBN No.973-93-80890-96-7, Vol No.134, Issue No.14, 2016
- Bhavani Y, Janaki V, R Sridevi, *IP Traceback through Modified Probabilistic Packet Marking Algorithm using Chinese Remainder Theorem*, Ain Sham's Engineering Journal, pp.715-722, 2015
- Vasavi Bande, R Sridevi, *Protected and Rapid Payment System Using Cloud Technologies*, ICICSE-2013 , 2013
- R Sridevi, Vasavi Bande, *Comparative Study Of Various Existing Security Scenarios In Cloud Computing Environment*, JGRCS, Vol No.3, Issue No.9, September , 2012
- R Sridevi, *Highly Secured and Randomized Image Steganographic Algorithm*, Journal of Global Research in Computer Science, ISBN No.2229-371X, Vol No.3, Issue No.9, pp.12-17, September , 2012
- R Sridevi, Dr.A.Damodaram, Dr.SVL Narasimham, *Efficient method of Audio Steganography by modified LSB Algorithm and strong Encryption key with Enhanced Security*, Journal of Theoretical and Applied Information Technology , Vol No.5, Issue No.6, pp.768-771, June , 2009
- R Sridevi, Dr. A Damodaram, Dr.SVL Narasimham, *More Secured and Randomized Steganographic Algorithm using Robust Stego Key*, International Journal of Computer Engineering and Information Technology , ISBN No.0974-2034, Vol No.9, Issue No.9, November , 2009
- R Sridevi, Dr. A Damodaram, Dr.SVL Narasimham, *A Novel Architecture for Enhanced Security through Virtualization and Spoofing*, Science Direct Journal of Network Security, Vol No.9, Issue No.9, pp.12-16, Elsevier, September , 2009
- A Damodaram, R Sridevi, *Application level untraceable vulnerabilities and countermeasures*, International Journal on Computer Science and Network Security, Vol No.8, Issue No.9, pp.357-364, September , 2008

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International Conference

- ‣ Y Bhavani, V Janaki, R Sridevi, *Modified Probabilistic Packet Marking Algorithm for IPv6 Traceback using Chinese Remainder Theorem*, Proceedings of 4th International Conference on Innovations in Computer Science & Engineering (ICICSE-2016), July, 2016

- ‣ D Kalyani, R Sridevi, *Robust distributed Key issuing Protocol for Identity based cryptography*, Accepted at Symposium on Green Networks and Distributed Systems, September , 2016

- ‣ N Rajitha, R Sridevi, *Cryptographic Design Approaches for Secure Key Management*, 2nd International Conference Networks, Information and Communications, May, 2015

- ‣ Y Bhavani, V Janaki, R Sridevi, *IP Traceback through Probabilistic Packet Marking Algorithm*, TELCON, Oct , 2013

- ‣ Dr A Damodaram, R Sridevi, *Trusted Architecture for Self Healing Intrusion Detection System*, Proceedings of the International Conference on Cybernetics, Informatics and Systemics, Pentagram Research Center, Hyderabad, India, , January , 2008

- ‣ Dr A.Damodaram, R Sridevi, K.Venkateswara Rao, M.V.Ramaraju, *Preventive Approaches For Web Application Security Attacks*, ICACT-2008, 2008

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National Conference

- ‣ Vasavi Bande, R Sridevi, *A Comprehensive Framework for Cloud Computing Security In banking Sector*, NCCNIS, 2012

- ‣ Dr A Damodaram, R Sridevi, *Survey on Intrusion Detection Systems*, RESPOGRAPH , 2008

▸ Events Participated/Organized

Organized
- ▸ Organized a Workshop on Research Aspects in Information Security under TEQIP-II, CSE Department, JNTUHCEH, 06-12-2012 to 07-12-2012

Co-ordinated
- ▸ Coordinated for a Refresher Course on *Research Aspects in Information Security*, UGC-Academic Staff College, JNTUH, Hyderabad, 23-01-2012 to 28-01-2012
- ▸ Coordinated for a Refresher Course on *Trends in Information System Security*, UGC-Academic Staff College, JNTUH, Hyderabad, 05-07-2010 to 24-07-2010
- ▸ Coordinated for a Refresher Course on *Information System Security*, UGC-Academic Staff College, JNTUH, Hyderabad, 09-11-2009 to 30-11-2009
- ▸ Coordinated for a Refresher Course on *Information Security*, UGC-Academic Staff College, JNTUH, Hyderabad, 17-11-2008 to 06-12-2008
- ▸ Coordinated for a Refresher Course on *Network Security and Cryptography*, UGC-Academic Staff College, JNTUH, Hyderabad, 10-12-2007 to 29-12-2007
- ▸ Coordinated for a Workshop on *C# and .NET Framework*, CSE Department, JNTUHCEH, 26-11-2007 to 28-11-2007
- ▸ Coordinated for a Symposium on *QUEST '07*, CSE Department, JNTUHCEH, 01-03-2007 to

Resource Person
- ▸ Resource Person in a Workshop on *Android*, Sree Datta Engineering College, Hyderabad, 10-09-2012 to
- ▸ Resource Person in a Training on *Computer Science Fundamentals*, AP Police Academy, Hyderabad, 03-09-2012 to
- ▸ Resource Person in a Refresher Course on *Information Technology*, UGC-ASC, Moulana Azad Urdu University, Gachibowli, Hyderabad, 03-08-2012 to
- ▸ Resource Person in a Workshop on *C& Data Structures*, SR Engineering College,Warangal, 03-07-2012 to
- ▸ Resource Person in a Workshop on *Network Security*, GNITS College for Women, Hyderabad, 22-12-2011 to
- ▸ Resource Person in a Workshop on *Information Security*, Royal Engineering College, Hyderabad, 18-10-2010 to
- ▸ Resource Person in a Refresher Course on *Information System Security*, UGC-Academic Staff College, JNTUH-Hyderabad, 09-11-2009 to 30-11-2009
- ▸ Resource Person in a Orientation Course on *Information technology*, UGC-ASC Moulana Azad Urdu UNIVERSITY, Hyderabad, 01-03-2009 to
- ▸ Resource Person in a Refresher Course on *Information Security*, UGC-ASC, JNTUH, 17-11-2008 to 06-12-2008
- ▸ Resource Person in a Training on *Fundamentals of Information Technology for police personnel*, AP POLICE DEPARTMENT, Hyderabad, 03-08-2008 to
- ▸ Resource Person in a Refresher Course on *Network Security and Cryptography*, UGC-ASC, JNTUH, 10-12-2007 to 29-12-2007
- ▸ Resource Person in a Workshop on *C& Data Structures*, G.Narayanamma Institute of Technology &Science, Hyderabad,

Participated
- ▸ Participated in a Workshop on *MultiCore Technologies*, JNIAS,Hyderabad, 03-09-2011 to
- ▸ Participated in a Workshop on *Recent Trends in Technical Education*, UGC-ASC-JNTUH, 20-03-2010 to
- ▸ Participated in a Workshop on *Outcome Based Education in Engineering, Teaching and Assessment*, Hyderabad, 25-08-2009 to
- ▸ Participated in a Workshop on *Multi Core Technologies*, IIIT, Hyderabad, 23-07-2009 to 25-07-2009
- ▸ Participated in a Orientation Course on *Value Education*, UGC-Academic Staff College, JNTUH-Hyderabad, 02-03-2009 to 28-03-2009
- ▸ Participated in a Conference on *4th International Conference on Information System Security*, JNTU College of Engineering, 16-12-2008 to 20-12-2008
- ▸ Participated in a Workshop on *Microsoft Windows Internals*, Microsoft & UGC-ASC,JNTU, 17-11-2008 to
- ▸ Participated in a Workshop on *Ubi Comp India 2008*, CDAC, Hyderabad, 05-09-2008 to
- ▸ Participated in a Conference on *RESPOGRAPH -2008*, Hyderabad, 18-04-2008 to 19-04-2008
- ▸ Participated in a Workshop on *NLP and Localization using Free-Software*, JNTU College of Engineering, Hyderabad, 04-01-2007 to
- ▸ Participated in a Workshop on *Secured Networks*, Vasavi College of Engineering, Hyderabad, 10-08-2006 to 11-08-2006
- ▸ Participated in a Conference on *Pattern Recognition and Machine Intelligence IMAGES-2005*, Karshak Engineering College, Hyderabad, 10-02-2006 to 11-02-2006
- ▸ Participated in a Workshop on *Network Protocols & Security*, G.Narayanamma Institute of Technology &Science, Hyderabad, 18-08-2005 to 20-08-2005
- ▸ Participated in a Workshop on *IEEE Women Student Congress*, Infosys Technologies, Gachibowli, Hyderabad, 30-07-2005 to 31-07-2005
- ▸ Participated in a Workshop on *Guidance to Faculty aspiring to do Doctorate in Computer Science*, G.Narayanamma Institute of Technology &Science, Hyderabad, 16-07-2005 to
- ▸ Participated in a Workshop on *Cryptography and Network Security*, Sreenidhi Institute of Science & Technology, Hyderabad, 20-06-2005 to 24-06-2005
- ▸ Participated in a Workshop on *Communicative Skills*, Bhoj Reddy Engineering College for Women, 30-08-2004 to 31-08-2004
- ▸ Participated in a Workshop on *OOAD using the UML with Fundamentals of Rational Rose*, Education Centers for IBM Software, 20-08-2004 to 21-08-2004

- ▸**Teaching**
  - ▸ Network Security & Cryptography Lab in B Tech (CSE) I Semester (IV)
  - ▸ Scripting Languages in B Tech (CSE)-IDP I Semester (V Year)
  - ▸ Information Security in M Tech (CSE) II Semester (I Year)

- ▸**Adminstrative Positions Held**
  - ▸ Additional Controller of Examinations (EDEP), JNTUH, 27 Nov 2013 - 24 Feb 2016
  - ▸ Additional Controller of Examinations (RP), JNTUH, 24 Feb 2016 - Present

Contact :

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