


Profile

Name: Dr. SURESHA	
Qualification: B. E, M.Tech, Ph.D	
Designation: Professor. & Head of CSE Dept.	
Date of Birth: 10-05-1959	
Date of Joining Institution: 01-08-2013	
Address:	
#308, Ground floor, 9th Road, Defense Layout Vidyaranyapura, Bengaluru 560097	Office: Head of Dept. Computer Science & Engineering Department. Sri Venkateshwara College of Engineering Vidyanagar, Bangalore - 562 157 Off: 080 - 32022690
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Qualification Details:

Category	Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class
UG	B.E	Electronics & Communication Engineering	1982	National Institute of Engineering, Mysore	Mysore University	76.49	FCD
PG	M.Tech	Computer Science & Engineering	2007	Basaveshwara College of Engineering, Bagalkot	VTU	64.62	FC
Ph.D.	Ph.D.	Computer Science & Engineering	2013	Nitte Meenakshi Institute of Technology, Bengaluru	VTU	Awarded	

Additional Qualification :

- i. GATE Score (In case of B.E. / B.Tech.)
- ii. NET / SLET (In case of M.C.A. / M.Sc. / M.A.)

Title of Ph.D. Thesis *: *Performance Evaluation of Algorithms for key Management and Security of Routing Protocols for Distributed Sensor Networks*

Faculty in which Ph.D. was awarded : Computer Science & Engineering

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
SVCE, Bengaluru	Prof. & HOD	01-08-2013				
RITM, Bengaluru	Professor	12-08-2009	15-07-2013	03	11	03
SaIT, Bengaluru	Prof. & HOD	15-12-2008	08-08-2009	00	07	23
SEACET, Bengaluru	Prof. & HOD	14-07-2008	13-12-2008.	00	04	29
TCE, Gadag	Prof. & HOD	01-08-2005	09-07-2008	02	11	08
REC, Hulkoti	Asst. Prof	07-10-2004	14-07-2005	00	09	07
KLE Poly, Hubli	Lecturer	12-07-2000	06-10-2004	04	02	24
NIE, Mysore	Lecturer	03-11-1982	30-07-1986	03	08	27

Industry experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Ratnadeep Industries, Hubli	Marketing Executive	15-06-1995	10-07-2000	05	00	25
All Fasteners, Mysore	Marketing Executive	01-01-1991	10-06-1995	04	05	09
Mesh Trans Gears Pvt. Ltd, Bangalore	Marketing Executive	01-08-1986	31-12-1990	04	04	30

List of Publications: (Author, Title, Publishers, Vol. no., Issue No., Month and Year)

I. International Conference

- 1.Suresha, Raghavendra S.N, “**Security in Wireless Sensor Networks-An Overview Concept**” IJRISE proceedings on National Conference on Recent Advances in Science Engineering and Technology- NCRASET-15, Sri Venkateshwara College of Engineering, Bengaluru Volume 1, Special issue 2, pp 49-54, May 2015.
2. Suresha, Karthick N V, “**Enhancing the Performance of HEED algorithm for WSN using Artificial Intelligence**” IJRISE proceedings on National Conference on Recent Advances in Science Engineering and Technology- NCRASET-15, Sri Venkateshwara College of Engineering, Bengaluru Volume 1, Special issue 2, pp 214-219, May 2015.
3. Suresha, Mamatha Bai B.G, “**Evaluation of DSDV routing protocol in WSN using NS2 simulator**” IJRISE proceedings on National Conference on Recent Advances in Science Engineering and Technology- NCRASET-15, Sri Venkateshwara College of Engineering, Bengaluru Volume 1, Special issue 2, pp 354-359. May 2015.
4. Suresha, Ankitha Singh, “**Power Efficient Aggregation for WSN using NS2 Simulator**” IJRISE proceedings on National Conference on Recent Advances in Science Engineering and Technology- NCRASET-15, Sri Venkateshwara College of Engineering, Bengaluru Volume 1, Special issue 2, pp 96-101. May 2015.
- 5.Suresha, Nikitha T.S, Pooja Hegde “**Enhancing the lifetime of LEACH Protocol Using Energy-efficient Clustering Mechanism**” Elsevier proceedings on International Conference on Emerging Research in Computing, information, Communication and Application ERCICA-14 at Nitte Meenakshi Institute of Technology, Bangalore 01-02, August, 2014
- 6.Suresha, Renuka R.Patil “**Analogy of Static and Dynamic Node Deployment Algorithms in WSN**” Elsevier proceedings on International Conference on Emerging Research in Computing, information, Communication and Application ERCICA-14 at Nitte Meenakshi Institute of Technology, Bangalore 01-02, August, 2014
- 7.Suresha, Parvathi, “**Existing Routing Protocols for Wireless Sensor Networks –A Study**” International Journal Computational Engineering Research (IJCER), Volume-04, Issue- 7, pp 8-27, July 2014.
- 8.Suresha, Pritam Gajkumar Shah, Napa Lakshmi, Kshama S. B “**Total Security For Wireless Sensor Network Based On Elliptical Curve**” International Journal of Computing and Digital Systems @2014:Scientific Publishing Centre, University of Bahrain (Submitted April 2014).

- 9.Suresha, Suresh.L, “**Recovery of Mails by EDB Algorithm in Exchange server**” Elsiver proceedings on International Conference on Emerging Computation & Information Technologies, Siddganga Institute of Technology, Tumkur, pp.111-120, Nov 2013 (ISBN: 9789351071761).
- 10.Suresha, Ravi Gharshi, “**Enhancing Security in Cloud Storage using ECC Algorithm**” International Journal of Science and Research, Volume 2 Issue 7 July 2013.
- 11.Suresha and Nalini.N, “**Evaluation of Performance of Ciphers for Routing protocols in Distributed Sensor Networks**” *International Journal of Data and Network Security*, Volume 1, No.2, Oct, 2012.
- 12.Suresha and Nalini.N, “**Performance Analysis of Cryptographic Algorithms Like ElGamal, RSA, and ECC for Routing Protocols in Distributed Sensor Networks.**” *International Journal of Computer Science and Information Security*, Vol.9, No.6, pp. 256-263, June 2011.
- 13.Suresha and Nalini .N. “**Performance Analysis of Security in Flat and Hierarchical routing protocols for Distributed Sensor Networks**”. *IJCA Proceedings on International Conference on VLSI, Communications and Instrumentation (ICVCI)* , SAINTGITS College of Engineering, kottayam, Kerala, India: pp. 13–18, April 2011.
- 14.Suresha, Shobha M, “**S-AODV, An Adaptive method of improving AODV protocol**” International IEEE-Conference on Green computing and Internet of Things, Gayotias Educational Institute, Noida, NewDelhi, 8-10, Oct 2015.
- 15.Suresha, Renuka Patil, “**Deployment Algorithms in WSN- A Study**” Proceedings of IEEE International Advance Computing Conference at BMS College of Engineering, Bengaluru, ISBN: 978-1-4799-8046-8, pp. 529-535 12-13 June 2015.
- 16.Suresha, Renuka Herakal “**Deployment Algorithms in WSN-A Study**” in “5th IEEE International Advance Computing Conference, at B.M.S. College of Engineering, Bangalore, India”. Conference number #35547 Xplore Complaint ISBM: 978-1-4799-8047-5
- 17.Suresha, Raghavendra H.V and Nalini.N, “**Comparison of Symmetric Algorithms for Strengthening SPINS on DSN**” *International Conference on Communication, VLSI and Signal processing*, Siddanganga Institute of Technology, Tumkur 572104, 20-22 Feb 2013.
- 18.Suresha; Nalini, N.; , "Evaluation of routing schemes for group key distribution in Distributed Sensor Networks," *Computing Communication & Networking Technologies (ICCCNT), 2012 Third International Conference on* , vol., no., pp.1-8, 26-28 July 2012.
- 19.Suresha and. Nalini.N, “**Group Key Management in Distributed Sensor Networks**” *International conference on Data Engineering and Communication Systems ICDECS – 2011*, RNSIT, Bangalore, INDIA on 30-31 Dec, 2011.

20.Suresha and Nalini.N, “**Implementation and comparison of LEACH and NON-LEACH protocols in Wireless sensor networks**” *International conference on Computer Architecture, networking and Applications IC-CANA*, N.M.A.M. Institute of Technology, Nitte, INDIA on 7-8-Jan-2011.

II. National Conference

1.Suresha. Spoorthy M.S, “**Search Schemes in Artificial Intelligence- A Survey**” 3rd National Conference on Recent Advances in Science, Engineering and Technology- NCRASET-14, Sri Venkateshwara College of Engineering, Bangalore, 08 May 2015.

2.Suresha, Karthik, “**Node Clustering Algorithm- A Survey**” Second National Conference on Recent Advances in Science, Engineering and Technology- NCRASET-14, Sri Venkateshwara College of Engineering, Bangalore, 23 May 2014.

3.Suresha, Nitesh kumar “**BOTS for DOS Attack**” Second National Conference on Recent Advances in Science, Engineering and Technology- NCRASET-14, Sri Venkateshwara College of Engineering, Bangalore, 23 May 2014.

4.Suresha, Bharath M, “**Implementation of Security for access control Using CIA – A Text Steganography**” Second National Conference on Recent Advances in Science, Engineering and Technology- NCRASET-14, Sri Venkateshwara College of Engineering, Bangalore, 23 May 2014.

5.Suresha, Yashwini Y, Vidyashree M Jeenakeri, “**Review on Artificial Bee Colony for Dynamic Deployment in Wireless Sensor Networks**” Second National Conference on Recent Advances in Science, Engineering and Technology- NCRASET-14, Sri Venkateshwara College of Engineering, Bangalore, 23 May 2014.

6.Suresha, Rohith S Jigalur, “**Reviewing Security Issues, Attacks and countermeasures in WSN**” National Conference on Current Trends in Computer Science & Engineering, Jain University Bangalore 8 June 2013.

7.Suresha, Sushma Ravindra, and Dr. Nalini.N, “**Cloud Computing Security Issues –A Survey**” *27th CSI Karnataka Students Convention*, Reva Institute of Technology and Management, Bangalore, 19- 20 April 2013.

8.Suresha, Nalini.N and Sushma Ravindra,N “**Distributed Sensor Networks- A Survey**” *National Conference on current Trends & Challenges in Information Technology [NCCTCIT-12]*, Sambhram Institute of Technology, Bangalore, 11-12 May 2012.

9.Suresha, Nalini.N and Yasha.C “**Elliptic Curve Cryptography-An Implementation**” *National Conference on current Trends & Challenges in Information Technology [NCCTCIT-12]*, Sambhram Institute of Technology, Bangalore, 11-12 May 2012.

10.Suresha, Nalini.N and Parvathi C, “**Secure Identification of the Malicious Sensor Motes Using Empirical Evaluation of Trust Value in Wireless Sensor Network**” *National*

Conference on Recent Advances in Technology and Engineering RATE-2012, T.John Institute of Technology, Bangalore, 21-22, March 2012.

11.Suresha, Nalini. N.and Nagaraj. A, “**Analysis of Routing Protocols for Group Key Management in DSN**” *National Conference on Advances in Computer Science and Information Security ACSIS-2012, Manipal University, Manipal, INDIA. January 6-7, 2012.*

12.Suresha, Nalini.N and S. S. Manvi, “**Distributed Sensor Networks-An Overview**”, *National Conference on Wireless Networks, RLJIT, Bangalore 20-21 Aug 2009.*