	MEMBER
NAME	Dr. S.SUBBURAM
DESIGNATION	PROFESSOR AND HEAD
DEPARTMENT	DEPARTMENT OF INFORMATION TECHNOLOGY
NAME OF THE ORGANIZATION/INSTITUTION	New Prince Shri Bhavani College Of Engineering & Technology
PLACE	Vengaivasal Main Road, Valli Nagar, Gowriwakkam, Sembakkam, Chennai
PINCODE	600073
WHETHER AFFILIATED TO ANNA UNIVERSITY	Yes
MOBILE	9840514185
E-Mail	subbu.kayal51@gmail.com
AREA OF SPECIALIZATION	Distributed Systems, Machine Learning, Software Engineering Security in networks, Machine Learning
PUBLICATION(LAST 5 YEAR)	

Research Publications

International Journals

[1]   **Subburam.S** and Sheik Abdul Khader.P (March 2009) "A Preemptive Routing for Ad Hoc Networks to Conserve Battery Power"**International Journal of Engineering Research and Industrial Applications** Vol.2,No.2(2009) pp 15-31.ISSN 0974-1518**.**

[2]   **Subburam.S** and Sheik Abdul Khader.P(August 2012) "Efficient Broadcasting using Preventive Congestion Mechanism in Mobile ad Hoc Network" **European Journal of Scientific Research** Vol.83 No.2 (2012), pp.302-313, [SNIP 0.736 and SJR 0.209Cited by 1 journals].

[3]   Sarfaraz Ahmed.A, SenthilKumaran .T,Syed Abdul Syed.S ,**Subburam.S**(March 2015) "**Cross-Layer Design Approach for Power Control in Mobile Ad Hoc Networks**" **Egyptian Informatics Journal**Volume 16, Issue 1, Pages 1–7published by Elsevier.[SNIP 0.857 and SJR 0.252]

[4]   **Subburam.S**, SenthilKumaran.T (May 2016) "An Innovative Design Approach to Control over Ad hoc Networks"**Circuits and Systems**Volume 7, Pages 971-982.

[5]   S. Rajalakshmi,S. Niveda, **S Subburam**, R. K Kapilavani(February 2017) "Real Time Analysis in Decentralized Energy System Using Genetic Algorithm" **International Journal of Innovative**

Research in Computerand Communication EngineeringVol. 5, Issue 2,Page No : 1544-1552.ISSN(Online): 2320-9801.

[6]   Anitha.V, Priyanka .R ,**Subburam.S** ,KapilaVani R.K (February 2017) "Secure Multimedia Content Protection and Sharing" **International Research Journal of Engineering and Technology (IRJET) Vol. 4, Issue2.**

[7]   **S.Subburam**, S. Revathi, T. Senthilkumaran, and A. Muruganandham (April 2017) "Opinion Based Security Using Exponential Smoothing Method in Mobile Ad-Hoc Network"**Journal of Computational and Theoretical Nanoscience Vol. 14**, 1–7.Published by American Scientific Publishers.

[8]   **S. Subburam**,S. Selvakumar, S. Geetha (May 2017) "High performance reversible data hiding scheme through multilevel histogram modification in lifting integer wavelet transform" **International Journal of Multimedia Tools and Applications Vol. 77, Issue 6**, Page No : 7071–7095.ISSN: 1573-7721 (Electronic Version) Published by Springer.

[9]   Haritha M, Priya R**, S. Subburam**, KapilaVani R.K (March 2018) "Mobile Navigation in Emergency Situation using Wireless Sensor Networks" **International Journal of Scientific Research in Computer Science Applications and Management Studies"Volume 7, Issue 2.**

[10]   Aishwarya T, Suprena Mathew, **Subburam S,**KapilaVani R.K.(March 2018) "Influential Node in online Social Networks using Spark"**International Journal of Creative Research Thoughts (IJCRT)Vol 6, Issue 1.**

National Journals

[1]   **Subburam.S** and Sheik Abdul Khader.P (November 2012) "Efficient two hop Local Route repair mechanism using QoS- aware route discovery method for mobile ad hoc networks." for the "**Indain Journal of Science and Technology**" Chennai. Vol.5 No.11 (2012), pp.3651-3659. ISSN:0974-6846 [IC Value : 5.02 Cited by 3 journals].

[2]   **Subburam.S** and Sheik Abdul Khader.P (November 2012) "Predictive congestion control mechanism for MANET" for the "**Indian Journal of Computer Science and Engineering**" Vol 3 No.5 (2012), pp 640-651.ISSN: 0976-5166.[Cited by 2 journals]

International Conferences

[1]   **Subburam.S** and Sheik Abdul Khader.P, SenthilKumaran.T (December 2007) "**Reducing Control Packets in AODV – based Routing in Ad hoc Networks**"International Conference on Trendz in Information Sciences and Computing (TISC 2007) Organized by Sathyabama University ,Chennai, India.

[2]   **Subburam.S** and Sheik Abdul Khader.P (September 2009) "**An algorithamic approach to improve the QoS in mobile ad hoc networks**" for the 3rd International Conference on Impact of Economic crisis in Global business scenario" organized by Sri Sairam Institute of Management Studies, Chennai, India.

[3]   **Subburam.S**   and Sheik Abdul Khader.P (December 2012)"**Congestion Adaptive Most Favorable Control Routing in ad hoc Networks**" for the Fourth International Conference on

Networks & Communications organized by NETCOM-2012 Chennai, India,[SNIP 0.286 and SJR 0.137 Cited by 1 journals]

[4]   **Subburam.S** and Sheik Abdul Khader.P (December 2012)"**Recovering and optimization routing reply for AODV in mobile ad-hoc networks** " for the International Conference on Modern Trends in Information Technology (ICMTIT'12) organized by International Scientific Academy of Engineering & Technology Kuala Lumpur (Malaysia).

National Conferences

[1]   **Subburam.S** and Kathirvel.A(Dec 2003) **"Quality of Service requirements to mobile ad-hoc networks"** in National conference on **"Network Enigneering "** organized by A.K.College of Engineering -Krishnan koil, Srivilliputhur.

[2]   **Subburam.S** and Kathirvel.A(May 2004)**"Study of QoS routing protocols for the mobile ad-hoc network"** in National conference on "**Emerging trends in Engineering and Technology** " organized by Dr.M.G.R Educational and Research Institute ,Chennai.

[3]   NigarSulthana and **Subburam.S**(July 2005)**"An innovative algorithmic proposal to enhance QoS ` parameters in wireless adhoc"** in 2[nd]National conference for research scholars on **"Applications of emerging technologies"** organized by ISTE chapter, Adhiyamaan college of engg,Dr.M.G.R.Nagar , Hosur.

[4]   Kathirvel.Aand **Subburam.S** (October 2005) "**Multimedia based gender voice recognition",** National conference on emerging technologies & applications ETA, organized by computer science department of Saurashtrauniversity,rajcot.

[5]   Kathirvel.Aand **Subburam.S**(October 2005) "**A system for singer voice apperception",** National conference on emerging technologies & applications ETA, organized by computer science department of saurashtrauniversity,rajcot.

[6]   A.Kathirvel**, S.Subburam**andDr.R.Srinivasan(July 2006)**"Performance enhancement of On-demand routing Protocols in Mobile Ad hoc networks",** National Conference at PSG College of Technology

[7]   **Subburam.S,**Ilanchezhiapandian.G and Sheik Abdul Khader.P(February 2009) **"AP Route Reply for On-Demand Routing Protocols in Mobile Ad-hoc Networks"** National Conference on Computing and Communication (NCCC '09) Organized by GanadipathyTulsi'sjain Engineering college,Vellore, India.

[8]   **Subburam.S** and Sheik Abdul Khader.P (July 2010) "**An Enhanced AODV Routing Protocol with well Organized Congestion Adaptive Technique in Ad hoc Network.**"National Conference on Computing Concepts in Current Trends (NC4T'10) Organized by SatybamaUniversity,Chennai.

[9]   **Subburam.S** and Sheik Abdul Khader.P (August 2013) "**An Efficient Broadcasting method Along With Rebroadcast Probability for Mobile Ad-Hoc Networks**" for the National Conference on "Broad Band Communication & Technology (NCBBCT2013)" organized by Department of Electronics and Communication Engineering MANIT,Bhopal.

20..**Consultancy Services**

Name of the Project	Name of the Staff in-charge	Name of the Student	Year	Revenue Generated	Beneficiary	Status
Vending Machine	Dr.S.Subburam	Nivetha.S and Rajalakshmi.S	2017	Rs 20,600/-	AROMA store	Completed
Payroll System	Dr.S.Subburam	Karthick.S and Srinivasan.S	2016	Rs.21,000	The CEO Bizplus Services	Completed

21.NPTEL Online Certification (Funded by Ministry of HRD, Govt. of India organized by Indian Institute of Technology Madras) awarded for successfully completed the course Computer Architecture During

Jan – Apr 2017 (12 week course).

Invited Talks and Presentations

1. Lecture Delivered in Two days workshop on "NS2 Simulators" dated on **14 & 15 September 2011** at Sri Sairam Engineering College,Sairam Campus, Sai Leo Nagar, West Tambaram, Chennai,

2. Lecture Delivered in one day workshop on "NS2 Simulators" dated on **12.5.2011** at B.S Abdurrahman University.

3. Lecture Delivered inone day workshop on "Effective conduct of practical on computer subjects" dated on **12.6.2011** at B.S Abdurrahman University.

4.Lecture delivered in Faculty Development Training**ProgrammeOn**Human values and Professional Ethics**(Common to all Branches)May 23-27, 2015**Sponsored by**Centre for Faculty DevelopmentAnna University**

5. Lecture delivered in one day workshop on "How to do research" dated **on 28.12.2015** at Anand Institute of Higher Technology, Chennai.

6. Guest Lecture delivered in one day workshop on "How to write good research paper" dated on **29.12.2015** at Rajarajeswari College of Engineering (RRCE), Bangalore.