Faculty Profile

1. Name of the Faculty   : Dr.S.Geetha

2. Department   : Computer Applications

3. Designation   : Assistant Professor –Stage II

4. Date of Joining   : 03.03.2009

5. Faculty ID   : TF0147

6. E-mail Address   :kasagee1971@gmail.com

7. Date of Birth   : 23-06-1972

8. Qualification   : M.C.A.,M.Phil.,Ph.D

9. Specialization   : Wireless Networks, Computer Organization, Computer Graphics,
                                        Object Oriented and Analysis and Design, Computer Networks

10. Professional Experience:

   ✓ Working as a Assistant Professor- Stage-II, University College of Engineering, Tiruchirappalli, from 02-12-2014 to till date.

   ✓ Worked as a Assistant Professor-Stage-I, University College of Engineering, Tiruchirappalli, from 02-12-2009 to 01-12-2014.

   ✓ Worked as a TRA, Anna University Tiruchirappalli, from 03-03-2009 to 01-12-2009.

   ✓ Worked as a   Lecturer, Dr.Umayal Ramanathan College For Women, Karakudi, from 14-07-2008 to 28-02-2009.

   ✓ Worked as a   Lecturer, Arumagam Pillai Seethai Ammal College Thiruppathur , from 01-09-2003 to 14-12-2007.

   ✓ Worked as a   Lecturer, Thiruvalluvar College ,Papanasam, from 01-09-2001 to 03-09-2009.

   ✓ Worked as a   Lecturer, Sri Parasakthi College For Women, Courtallam, from 01-07-1995 to 30-04-1997.

11. Research Guidance:

      PG Students: MCA Guided: 32 Students

12. Awards and Honours :

13. Sponsored Projects:

14. Patents:

15. Publications

(i) Internationally Refereed Journals : (along with Impact Factor)

- ✓ Ms.Saranya and Dr.S.Geetha, " Fraud Detection in Credit Card Transaction using Bayesian Network" , "International Research Journal of Engineering and Technology", Vol 4,2017,3609-3613pp.

- ✓ Ms.M.Reehana Parvin and Mrs.S.Geetha, "Advanced Smart Card Based Energetic Toll Plaza Controlling System, International Journal for Science and Advance Research in Technology, Vol 2, 2016, 379—384pp.

- ✓ Ms.Sindhu and Mrs.Geetha.S, "Dynamic Service Composition for an Integrated Multibanking', International Journal for Science and Advance Research in Technology, Vol 2, 2016, 65-67pp.

- ✓ Mr.Arunraj and Mrs.S.Geetha, " Enhanced Inventory Management System Using Face Recognition Method", , International Journal for Science and Advance Research in Technology, Vol 2, 2016,247-250pp.

- ✓ Mrs.S.Geetha and Dr.G.Geetharamani, " The Enhanced Fault Discovery Routing Mechanism in ZD-AOMDV" , International Journal of Innovative research in Science, Engineering and Technology, Vol 4,2015,147-154pp.

- ✓ Mrs.S.Geetha and Dr.G.Geetharamani, "The Performance Enhancement of AOMDV with Energy Efficient Routing Based on Random Way Point Mobility Model, Vol 4,2015,314-320pp.

- ✓ Mrs S Geetha,Dr G Geetharamani,Enhanced TB-AOMDV Routing mechanism with RSSI in manet,International journal of applied engineering research,volume 9,2014,22763-22782 pp.

- ✓ Dr.UmaDevi, Mrs.S.Geetha and Dr.G.Geetharamani, "The Survey on Secure Routing Protocol in MANET", International Journal of Advanced Research in Computer and Communication Engineering, Vol 3, 2014, 7609-7615pp.

- ✓ Mrs.S.Geetha and Dr.G.Geetharamani, "Survey of Trust Based Routing Protocol in MANET, "International Journal of Advanced Research in Computer Science and Software Engineering", Vol 4,2014, 604-608pp.

- ✓ Mrs.S.Geetha and Dr.G.Geetharamani, "Trust Model Based on Bayesian Statistical Method for AOMDV in MANET", Journal of theoretical and Applied Information Technology, Vol 69,2014,172-181pp.

- ✓ Mrs.S.Geetha and Dr.G.Geetharamani, A Novel Reliable Path Discovery and Trust with Energy Efficient Routing Protocol FT-AOMDV Based on Fuzzy Logic in MANET, International Journal of Applied Engineering Research, Vol 9 2014, 21961-21973pp.

(ii) National Journals:

- ✓ Mrs.Uma Devi, Dr.Jeya Celin and Mrs.S.Geetha, "Calculation of Probabilistic Worst case Response Time for Message in Bluetooth", Indian Journal of Science and Technology, Vol 3, 2010, 770-773pp.

(iii) International Conferences

(iv) National Conferences

(v) Books Published with ISBN number/ISSN number

16. Conferences/Workshops/Seminar/ Short Term Refresher Course:

Conferences Attended:

- ✓ Mrs.S.Geetha and Dr.S.Sujatha, "Enhanced Fault Discovery Routing Mechanism in MANET" International Conference on High Performance Communication Network and Computing, SASTRA University, Jan 22nd - 23rd 2010. (HPCNC2010)

- ✓ Mrs.S.Geetha and Dr.S.Sujatha, Increase the Performance and Enhancing Secure Authenticated Multipath Encrypted Protocol in MANET", IEEE International Conference on Computational Intelligence and Computing Tamilnadu Engineering College, Coimbatore, Dec 28th -29th 2010,(ICCIC 2010) (IEEE Proceedings)

- ✓ Mrs.S.Geetha, Mrs.Muthuchitra.N and Mrs.V.Jayalakshmi, " Multi Objective Mobile Robot path Planning Based on Hybrid Algorithm International Conference on Network and Computer Science (ICNCS-2011) April 8th -10th , (IEEE Proceedings),Kanyakumari

- ✓ Mrs.S.Geetha and Mrs.V.Jayalakshmi, "Secure Multicast Routing Protocol against Black Hole Attacks in MANET", International Conference on Advances in Engineering & Technology (ICAET2011), EGS Pillay Engineering College, Nagapattinam.

- ✓ Mrs.S.Geetha and Mrs.V.Jayalakshmi, Performance Evaluation of Multipath Source Routing Protocols in MANET Fifth International Conference on Information Processing (ICIP2011), August 5th -7 th Bangalore.

- ✓ Mrs.S.Geetha and Mrs.V.Jayalakshmi, Performance Evaluation of IEEE 802.15.4 Using Association Process and Channel Measurement First International Conference on Advances in Computing and Information Technology (ACITY 2011) Park Hotels July 15th -17th 2011 Chennai.

- ✓ Mrs. Geetha and Dr G.Geetharamani ,"Trust Based Secure Multipath OLSR Protocol in the MANET Using Theory",CCSEIT'12 Proceedings of the second International Conference on Computational Science, Engineering And Information Technology, October 26-28, 2012, ACM Proceedings, Avinasilingam University Coimbatore.

- ✓ Mrs.S.Geetha and Dr.G.Geetharamani, "Enhanced Fault discovery Routing Mechanism in ZD-AOMDV",International Conference Multicon'15, April 29-30 2015, Muthayammal Engineering College,, Muthayammal Engineering College, Namakkal.

- ✓ Mrs.S.Geetha and Dr.G.Geetharamani," Performace Enhancement Of AOMDV With Energy Efficient Routing Based On Random Way Point Mobility", International Conference Multicons'15, April 29-30 2015, Muthayammal Engineering College, Namakkal.

- ✓ Rantjan. R and Mrs S. Geetha, "Web Based Image RE-RANKING Search Technique",International Conference Multicon'15, April 29-30 2015, Muthayammal Engineering College, Namakkal.

- ✓ K.Hemadevi and Mrs.S. Geetha, "Secure Data Process In Military Disruption Tolerant Network Using CP-ABE", International Conference Multicons'15, April 29-30 2015, Muthayammal Engineering College, Namakkal.

- ✓ Mr.P.Vaitheesh and Mrs.S.Geetha, "Improvement Of Manage Channel Jamming Under node Imprison Molest", International Conference Multicons'15, April 29-30 2015, Muthayammal Engineering College, Namakkal.

- ✓ Mr.R.Manoj Kumar and Mrs.S.Geetha,"Enhanced Neighbor Searching Techinique Using Keywords", International Conference Multicons'15, April 29-30 2015, Muthayammal Engineering College, Namakkal.

- ✓ Mr.Kulothugan.p and Mrs.S.Geetha,"Cloud Computings For Mobile Users:Enhanced Dynamic OffLoading And Energy For Mobile Users In Cloud", International Conference Multicons'15, April 29-30 2015, Muthayammal Engineering College, Namakkal.

- ✓ Ms.S.Deepika and Mrs.S.Geetha,"Non Traditional Approach To Webservices Intractions", International Conference Multicons'15, April 29-30 2015, Muthayammal Engineering College, Namakkal.

Workshop Attended:

- ✓ Three days workshop on Network Simulator, Conducted by VIT, Vellore, Dec 11 to 13, 2009

- ✓ Two days Workshop on J2EE and Best Practices in Application Development, Organized by ICT Academy of Tamil Nadu held at Anna University Tiruchirappalli, 17th and 18th Dec, 2009.

- ✓ UGC Sponsored Workshop on "CAPACITY BUILDINGS FOR WOMEN'S MANAGERS", March 2010, Conducted by Bharathidasan University, Tiruchirappalli.

- ✓ Oneday Workshop on TRAIN THE TRAINERS, Organized by Anna University of Technology, Tiruchirappalli, Dept of English 5th March 2011.

- ✓ TEQIP II Sponsored Two days Workshop on "Probability and Random Processes" organized by Department of Mathematics BIT Campus, Anna University Tiruchirappalli, March 5th – March 6th 2016.

Seminar Attended:

- ✓ TEQIP II Sponsored Two Days National Level Seminar on Cloud Computing: A Hands on Approach, Organized by Department of Computer Science and Engineering, BIT Campus, Anna University Tiruchirappalli, from September 15th- 16th 2016.

Short Term Refresher Course Attended:

- ✓ 77th Orientation Programme organized by " Academic Staff College -Bharathidasan University, Tiruchirappalli, UGC Sponsored – 28 days from Nov14th – Dec 12th 2012.

- ✓ Two-Weeks ISTE Main Workshop on "Computer Networking" Conduct by IIT Bombay, June 30th – 5th July 2014

- ✓ Two-Weeks ISTE STTP on "Introduction to Design of Algorithms" Conducted by IIT Kharagpur, Online activity April 27th – 24th May 2015 Physical Participation at Remote Centre May 25th – May 30th 2015.

- ✓ Two Week TEQIP II Sponsored Faculty Development Programme on Recent Trends and Applications of Mathematics in Computing, Organized by Department of Mathematics, BIT Campus, Anna University Tiruchirappalli, from June 8th – 21th 2016.

- ✓ Four-Week Faculty Development Programme (FDP) on Use of ICT Education for Online and Blended Learning, Organized by Indian Institute of Technology Bombay, from May 2nd – July 10th 2016.

- ✓ DST Sponsored 10 Days Training Programme on BIG DATA ANALYTICS, Organized by Department of Computer Applications – Technical Committee Member, From July 14th – 23rd 2016.

17. Conferences/Workshops/Seminar/ Short Term Refresher Course:

- ✓ Two days Workshop on Visual Programming using Win 32 API and MFC, Organized by Department of Computer Applications, from March 15th – 16th 2013.

18. Other Information related to Academic Activities

- ✓ Project Coordinator 2011, Department of Computer Applications, Anna University of Technology Tiruchirappalli

- ✓ Project Committee Member 2014, Department of Computer Applications, Anna University of Technology Tiruchirappalli

- ✓ Project Committee Member 2016, Department of Computer Applications, Anna University of Technology Tiruchirappalli

- ✓ Exam Coordinator , Department of Computer Applications, Anna University of Technology Tiruchirappalli, from July 2009 to July 2013.

- ✓ Women's Empowerment coordinator, Department of Computer Applications, Anna University of Technology Tiruchirappalli, from July 2009 to July 2014.

- ✓ Library coordinator, Department of Computer Applications, Anna University of Technology Tiruchirappalli, from July 2014 to tilldate.

19. Professional Recognition

- ✓ Deputy Warden, Girl's Hostel, BIT Campus, Anna University Chennai Tiruchirappalli, Pincode-620 024. (October 9th 2013 to tilldate)
- ✓ University committees - Anti Ragging Committee Member, BIT Campus, Anna University Tiruchirappalli, from August 1st 2016 to tilldate.

20. Other Contribution (if any)

- ✓ Women's Day Celebration – March 8th 2014 – Chief Guest Conducted by Rotract Club of Anna University – Tiruchirappalli.

- ✓ Vidyuta fest'14, Deputy Warden, Hostel Day Celebration, Conducted by BIT Campus – Tiruchirappalli,March 4th 2014.

- ✓ Vidyuta fest'15, Deputy Warden, Hostel Day Celebration, Conducted by BIT Campus – Tiruchirappalli,March 13th 2015.

- ✓ Vidyuta fest'16, Deputy Warden, Hostel Day Celebration, Conducted by BIT Campus – Tiruchirappalli,March 31st 2016.

- ✓ Vidyuta fest'17, Deputy Warden, Hostel Day Celebration, Conducted by BIT Campus – Tiruchirappalli,March 30th 2017.

- ✓ Tamil Elocution – Event judge Conducted by Rotract Club of Anna University – Tiruchirappalli. March 2014, March 2015, March 2016 and March 2017.

- ✓ Waste of Art – Event judge, Cultural Day Celebration, Conducted by BIT Campus – Tiruchirappalli, March 2014, March 2015, March 2016 and March 2017.

- ✓ Tamil Elocution – Event judge, Cultural Day Celebration, Conducted by BIT Campus – Tiruchirappalli,March 2014, March 2015, March 2016 and March 2017.

Signature

HOD   **Dean**