

FACULTY PROFILE

1. Name : Dr. SYED MUSTHAFA A.
2. Designation : Assistant Professor
3. Date of Joining : 27.05.2009
4. Nature of Association : Regular
5. Email : syedmusthafait@gmail.com,
syedmusthafa@ksrct.ac.in



6. Academic Qualifications:

| S.No. | Course | Institution | Board/ University | Percentage/ CGPA & Year of Passing | Class obtained |
|-------|--|---|---------------------------------|---|---------------------------------|
| 1. | Ph.D (Information and communication Engineering) | K.S.Rangasamy College of Technology, Tiruchengode. | Anna University, Chennai. | October 2017 | Completed |
| 2. | M.E. (Computer Science and Engineering) | Anna University, Trichy | Anna University, Trichy | 73% May 2009 | First class |
| 3. | B.Tech. (Information Technology) | K.S.R College of Engineering, Tiruchengode. | Anna University, Chennai. | 80% April 2005 | First class with Distinction |
| 4. | HSC | Bethel public Matric Hr.Sec.School, Paramathy. | State Board | 77.5 % March 2000 | First class |
| 5. | SSLC | Bethel public Matric Hr.Sec.School, Paramathy. | State Board | 70% April 1998 | First class |

7. Employment details with Experience:

| S.No. | ORGANIZATION | DESIGNATION | PERIOD | | YEAR OF EXPERIENCE |
|--------------|---|------------------------|------------|------------|-----------------------|
| | | | FROM | TO | |
| 1. | K.S.Rangasamy College of Technology, Tiruchengode. | Lecturer | 15.09.2005 | 31.07.2007 | 1.10 |
| 2. | | Lecturer | 27.05.2009 | 31.05.2010 | 1.0 |
| 3. | | Assistant Professor | 01.06.2010 | Till Date | 9.2 |
| Total | | | | | 12 Years |

8. **Title Of Ph.D Thesis** : “ INVESTIGATION ON SELF KEY CRYPTOGRAPHY
AND COOPERATIVE BAIT BASED INTRUSION
DETECTION IN MOBILE AD HOC NETWORK AGAINST
SELFISH AND MALICIOUS NODES”

9. **List of Publications:**

| International / National Journals | |
|--|---|
| 1. | H.Fathima, Dr. A.Syed Musthafa, The effect of Employee Engagement on Continuance and Normative Commitment to the Organization, 2019, International Journal of Management, Volume 6, Issue 3, ISSN: 2321-4643, Page 1-9 |
| 2. | Mr.A.Syed Mustafa, M.Aishwarya, D.AnushaGanapathy, T.Gowri, Detecting Fraud Applications Using Ensemble Learning, International Journal of Future Innovative Science and Engineering Research, 2017, Volume – 3, ISSUE – I, Volume – 3, ISSUE – I ISSN :2454-1966 |
| 3. | H. Fathima, Dr. A.SyedMusthafa, Intrusion Detection System based on Ant Colony System, Global Journal of Computer Science and Technology: H Information & Technology, Volume 17 Issue 4 Version 1.0 Year 2017, ISSN: 0975-4172 |
| 4. | Mr. A. Syed Musthafa; Dr. C. Nelson Kennedy Babu, Intrusion Detection using Information Gain Self Adaptive Elliptic Key in MANET, Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 10, October 2016, ISSN 2249-7315 |
| 5. | A.SyedMusthafa, R.Kasthuri, A Co-Operative Bait Detection For Against Malvolent Nodes Attacks In Manet, International Journal on Concurrent Applied Research in Engineering and Management, Vol 1(4), April 2016, ISSN(O):2395-7425 |
| 6. | Mr.SyedMusthafa, Dr. C . Nelson Kennedy Babu and R. Kasthuri, Token Ring Based Co-Operative Bait Detection for Both Selfish and Malicious Node Attacks In Ad Hoc Network Communication, Middle-East Journal of Scientific Research , 2016, ISSN 1990-9233 |
| 7. | A.SyedMusthafa, C. Nelson Kennedy Babu, A.Manikandan, Improving Performance of Intrusion Detection System using Hybrid key cryptographic in MANET, International Journal of Applied Engineering Research,2015, ISSN 0973-4562 Vol. 10 No.38 |
| 8. | H. Fathima, A. Syed Musthafa, Optimization based Routing Algorithms, International Journal of Applied Research on Information Technology and computing, Vol. 5, Issue 1, January-April, 2014, DOI: 10.5958/j.0975-8089.5.1.006 |
| National / International Conference | |
| 1. | Presented paper titled " Tourist spot recommendation system using text mining" in International Conference organized by Selvam College of Technology on 07-03-2019 & 08.03.2019 |
| 2. | Presented paper titled "Token Ring based Cooperative bait Detection for both Selfish and malicious Node attacks in Ad Hoc Network Communication" in International Conference organized by K.S.Rangasamy College of Technology on 05-03-2016 |
| 3. | Presented paper titled "Improving Performance of Intrusion Detection System using Hybrid key Cryptography in MANET" in International Conference organized by Al-Ameen Engineering College on 10-04-2015 |
| 4. | Presented paper titled "An Effective Trust based Intrusion Detection System for MANET" in International Conference organized by Coimbatore Institute of Engineering and Technology |

| | |
|-----|--|
| | on 20-03-2014 |
| 5. | Presented paper titled “Prevention of sybil node entry in MANET using RSS & two sender collide method” in National Conference organized by Kongu Engineering College on 22.03.2014 |
| 6. | Presented paper titled "Channel De-Noiser and Multi-Mobile Rate Synthesizer for High Security Distributed MANET" in International Conference organized by Sasurie College of Engineering on 09-01-2013 |
| 7. | Presented paper titled "Hierarchical Identity Based Key Management Scheme for Secure MANET" in National Conference organized by S.A Engineering College on 21-01-2013 |
| 8. | Presented paper titles “Trust Management in Mobile Ad-hoc Networks” in National Conference organized by Karpagam College of Engineering on 07.01.2012 |
| 9. | Presented paper titled " Reliable Intrusion Detection for Mission-Oriented Mobile Group Systems in MANET" in National Conference organized by Sengunthar Engineering College on 05-04-2011 |
| 10. | Presented paper titled "Performance Improvement of QoS in MANETs using Cross Layer Design" in National Conference organized by Velalar college of Engineering And Technology on 27-03-2010 |
| 11. | Presented paper titled "Secured Broadcasting Method with Battery Life time and Distance Management" in National Conference organized by K.S.Rangasamy College of Technology on 05-03-2010 |
| 12. | Presented paper titled “Improvement of QoS in MANETs using cross layer design” im International organized by M.Kumarasamy college of Engineering on 01.03.2010 |
| 13. | Presented paper titled "Agent based Web Service Composition using REST" in National Conference organized by Vellalar College of Engineering and Technology on 09-04-2009 |

10. List of Workshops / Seminar / STTP/FDPs Organized:

| S.No. | Title | Venue | Duration | Sponsoring Authority |
|-------|---|---|--------------------------|---|
| 1. | An Intelligent based Wireless Ad Hoc and sensor Networks and its Applications with Ocean Technology | K.S.Rangasamy College of Technology, Tiruchengode | 19.08.2011 to 20.08.2011 | Ministry of Earth Science |
| 2 | Pedagogy for Online and Blended Teaching-Learning Process (FDP201x) | K.S.Rangasamy College of Technology, Tiruchengode | 30.10.2018 To 13.12.2018 | IIT Bombay |
| 3 | Foundation Program in ICT for Education(FDP 101x) | K.S.Rangasamy College of Technology, Tiruchengode | 13.09.2018 To 18.10.2018 | IIT Bombay |
| 4 | Seminar on Testing Tools | K.S.Rangasamy College of Technology, Tiruchengode | 08.02.2019 | K.S.Rangasamy College of Technology, Tiruchengode |

| | | | | |
|---|---|---|------------|---|
| 5 | Industry interaction program on Multimedia Technologies | K.S.Rangasamy College of Technology, Tiruchengode | 10.08.2015 | K.S.Rangasamy College of Technology, Tiruchengode |
|---|---|---|------------|---|

11. List of Workshops / Seminar / STTB/FDPs Attended:

| S.No. | Title | Venue | Duration | Sponsoring Authority |
|-------|---|--|--------------------------|---|
| 1. | JGate - An Electronic Gateway for Research | Central Library, KSRCE | 10.07.2019 | Central Library, KSR College of Engineering |
| 2. | NBA Accreditation | NITTTR- Kolkata | 22.04.2019 to 26.04.2019 | K.S.Rangasamy College of Technology |
| 3. | Web Technology | KSRIET | 27.05.2019 to 31.05.2019 | K.S.R. Institute for Engineering and Technology |
| 4. | Pedagogy for Online and Blended Teaching-Learning Process (FDP201x) - Autumn 2018 | IIT BOMBAY | 03.05.2018 to 03.05.2018 | K.S.Rangasamy College of Technology |
| 5. | Foundation Program in ICT for Education(FDP 101x) | IIT BOMBAY | 08.03.2018 to 12.04.2018 | K.S.Rangasamy College of Technology |
| 6. | Teaching Methodology & Blooms Taxonomy | Dhanalakshmi Srinivasan College of Engineering | 04.01.2017 | Dhanalakshmi Srinivasan College of Engineering |
| 7. | Data Center Virtualization Fundamentals | ICT ACADEMY | 30.05.16 to 01.06.2016 | SONA college of Technology |
| 8. | Cyber Security | IIT BOMBAY | 10.07.2014 To 20.07.2014 | K.S.Rangasamy College of Technology |
| 9. | 'Introduction to Design of Algorithms | IIT Kharagpur | 27.04.2015 to 30.05.2015 | K.S.Rangasamy College of Technology |
| 10. | 'Recent Trends and Research challenges in Wireless Networks | PSG Tech. | 28.09.2012 to 30.09.2012 | PSG College of Technology |
| 11. | Security Issues in Utility computing | AICTE | 17.05.2013 To 30.05.2013 | KSR College of Engineering |
| 12. | Pursuing Effective Research in Computer and Communication Engineering | KIOT | 01.06.2012 To 02.06.2012 | Knowledge Institute of Technology |

| | | | | |
|-----|---|---------------|--------------------------------|--|
| 13. | Recent Advances in Pattern Recognition - Artificial Intelligence Models and Analysis in Biometrics | AICTE | 25.03.2013 To 06.04.2013 | K.S.Rangasamy College of Technology |
| 14. | Research Initiatives in Data Mining for Web Intelligence | AICTE | 22.06.2012 To 03.07.2012 | KSR College of Engineering |
| 15. | Software Project Management | KSRCT | 24.08.2012 | K.S.Rangasamy College of Technology |
| 16. | Cyber Security Challenges and Role of Intelligence | KSRCE | 14.09.2012 To 15.09.2012 | KSR College of Engineering |
| 17. | Research Aspects of M2M Technology and Wireless Sensor Networks in Space Communication | DRDO | 30.11.2012 To 01.12.2012 | K.S.Rangasamy College of Technology |
| 18. | Game Theoretical Models for problem solving in Wireless Networks | NBHM - MUMBAI | 20.01.2012 To 21.01.2012 | National Engineering College |
| 19. | Journal, Thesis and Project Proposal Writing | KSRCT | 07.04.2012 | K.S.Rangasamy College of Technology |
| 20. | Research issues in Distributed Computing for Medical Image Processing | ICMR | 24.05.2012 To 26.05.2012 | P.A College of Engineering And Technology |
| 21. | Research Issues and Challenges in Wireless Adhoc and Sensors Networks | AICTE | 16.05.2011 To 29.05.2011 | Vivekanandha College of Engineering for Women |
| 22. | An Intelligent based Wireless Ad Hoc and sensor Networks and its Applications with Ocean Technology | KSRCT | 19.08.2011 To 20.08.2011 | K.S.Rangasamy College of Technology |
| 23. | Cloud Computing | AICTE | 02.07.2010 To 03.07.2010 | KSR College of Engineering |
| 24. | Data Mining Applications in Medical Data Analysis | ICMR | 23.12.2010 To 24.12.2010 | Kongu Engineering College |
| 25. | Research Issues in Wireless Networks | KEC | 17.09.2010 To 18.09.2010 | Kongu Engineering College |
| 26. | Research Challenges of Data Security in Grid and Cloud Computing | KSRCT | 19.03.2010 To 20.03.2010 | K.S.Rangasamy College of Technology |
| 27. | Nanotechnology | KSRCT | 11.01.2007 To 12.01.2007 | K.S.Rangasamy College of Technology |

| | | | | |
|-----|---|-------|--------------------------------|---------------------------|
| 28. | Performance Issues in Infrastructureless Wireless Network | AICTE | 10.03.2006 To 12.03.2006 | Kongu Engineering College |
|-----|---|-------|--------------------------------|---------------------------|

12. Details of Membership In Professional Societies:

| S. No. | Name of Professional Body | Grade of Membership | Membership No. |
|--------|---------------------------|---------------------|------------------------------|
| 1 | ISTE | Life Member | Life Member: LM 92148 |

13. Achievements :

- Completed NPTEL online course on 'Computer Organization and Architecture: A Pedagogical Aspect'
- Funded project titled “Building Maintenance using IoT” for ZAN Computech India Private Limited, Coimbatore-641014, from 01.06.2017 to 31.05.2018
- Funded project titled “Continuous Assessment Management System” for Indian Public School, from 10.08.2015 to 09.02.2016
- Project titled “MOODLE –mobile application Development” for K S Rangasamy College of Technology, from 01.07.2016 to 30.04.2017
- Project titled “KSRCT Automated Academic Aspects Maintenance System” for K S Rangasamy College of Technology, from 01.06.2015 to 31.05.2016
- Achieved 100% results in Anna University/Autonomous Examination more than 13 times
- UG student project selected for Project Exhibition 2019

14. Involvement in Department / Institutional Activities:

- ✓ Department Exam Coordinator
- ✓ Department End Semester /Practical COE Coordinator
- ✓ Course Coordinator
- ✓ Project Coordinator
- ✓ Acting as an assist for College Academic Coordinator
- ✓ Time Table In-Charge
- ✓ Furniture In-charge

Dr.SYED MUSTHAFA .A