

STAFF PROFILE

- 1) Name : Ms.M.Muthumalathi
- 2) Designation : Assistant Professor
- 3) Department : Computer Applications
- 4) Qualification :M.Phil (CS)
- 5) Experience : Teaching: 1 year 6 Months Research : 2
- 6) Area of Specialization (s) : Wireless Sensor Networks, Wireless Communications
- 7) E-mail : muthumalathi3004@gmail.com
- 8) Academic Qualifications : BCA., M.Sc Computer Science., M.Phil Computer Science.,
- 9) Research Publications

International

1. M.Muthumalathi and P.B.Pankajavalli, Mobility – Zonal Based Stable Election Routing Protocol for Wireless Sensor Networks, IPASJ International Journal of Computer Science (IJCS),October 2018, Volume 6, Issue 10, pp.001-009.
2. M.Muthumalathi and P.B.Pankajavalli, Efficient Clock Synchronization using Energy based Proportional Integral and Least Common Multiple Protocol in Wireless Sensor Networks, Journal of Engineering Science and Technology Review(SCOPUS INDEXED),July 2019, Volume 12, Issue4, pp. 144 - 151.
3. M.Muthumalathi, Review on Information Telemetry System for Industrial Application in Wireless Sensor Networks, The International Journal of Analytical and Experimental Model Analysis,October 2019, Volume 11, issue 10, pp. 1217 – 1221.

10) Other Publications

1. M.Muthumalathi and P.B.Pankajavalli, Survey on Clock Synchronization in Wireless Sensor Networks, International Conference on Research Trends in Computing Technologies, ICRTCT- N- 23, ISBN: 978-93-87862-01-2, pp. 470-476.

11) Book Publications

1. M.Muthumalathi, E-Book titled COMPUTER NETWORKING SKILLS, Amazon Publications, ASIN: B086HP9Q7G, 2020.

12) Presentations in Conference

International:

1. M.Muthumalathi and P.B.Pankajavalli, Survey on clock synchronization in wireless sensor networks, International Conference on Research Trends in Computing

Technologies (ICRTCT-18) Organized by faculty of computer science (FCS) at Dr. NGP Arts and Science College, Coimbatore. August 9th& 10th 2018

13) Participation in Conference

1. M.Muthumalathi, International Conference on Mathematics & Computer Science, Nirmala college for women, December 15 to 17, 2016.
2. M.Muthumalathi, Third national conference on advanced computing (NCAC -2020), Bharathiar University, Coimbatore – 46,23rd& 24th January 2020.

14) Participation in Seminar

1. M.Muthumalathi, One day seminar on Future of Mobile Technologies and Artificial Intelligence (SFMTAI'17) on 15th December 2017, Bharathiar University, Coimbatore – 46
2. M.Muthumalathi, National Seminar on Tenors in Graph Theory on 11th January 2020, Nirmala college for women,
3. M.Muthumalathi, National Seminar on Cyber Security & Ethical Hacking on 11th February 2020, St.Paul's College of Arts and Science for Women

15) Participation in Workshop

1. M.Muthumalathi, National Workshop on Statistical Analysis using R(NWSAR-2018), Bharathiar University, Coimbatore – 46 6th& 7th September 2018.
2. M.Muthumalathi, Innovative Eco – System, Incubation Centres and Start – Ups for Higher Education Institutions on 19th March 2020, Nirmala college for women.

16) Participation in Orientation Programme/ Induction Programme/ Short term Courses

1. Virtual Reality in Coursera
2. Data Scientist's Toolbox in Coursera
3. Software Architecture for the Internet of Things in Coursera

17) Participation in Faculty Development Programme

1. M.Muthumalathi, five days faculty development training programme on Signals and Systems on 13th to 18th June 2018, Ramco Institute of technology, Rajapalayam, Virudhunagar.
2. M.Muthumalathi, Innovative Teaching Strategies on 30th October 2020, Nirmala College for Women, Coimbatore.
3. M.Muthumalathi, Recent Trends in Techniques in Web Applications development, Nirmala College for Women, Coimbatore.
4. M.Muthumalathi, Web Application Development and Deployment using Spring Framework, Nirmala College for Women, Coimbatore.