

Name : Dr. A. Muthusamy
Designation : Assistant Professor
Department : Computer Technology
Qualification : M.C.A., Ph. D.

Experience:

Teaching: 8 Years Industry: 4 Years Research: 7 Years

Area of Specialization(s) : Web Mining, Data Mining, Computer Networks.

Email (Official ID) : muthusamy@drngpasc.ac.in

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph. D.	Computer Science	Bharathiar University, Coimbatore	2017
M. C. A.	Computer Applications	K.S.R. College of Engineering , Anna University	2006
B. Sc.	Computer Science	Sri Kandhan College of Arts and Science, Periyar University	2003

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Certification	MCTS – Microsoft .NET Framework 2.0 Application Development	Microsoft	2008
Certification	MCP – ASP.NET Web-based Client Development	Microsoft	2007

Grants Received

Event Title	Agency	Amount	Date
National Workshop on Data Analytics and its Applications in Biotechnology	DBT – CTEP, New Delhi	Rs. 75,000	31-Oct-18

Research Publications (Indexed)

International

- 1) Dr. A. Muthusamy, **Issues and Challenges in Vehicular Ad Hoc Networks using Wireless Technology**, International Journal of Scientific Research in Computer Science Applications and Management Studies (IJRSCAMS), ISSN 2319 – 1953(Online), Volume 7, Issue 5 September 2018, (Indexed in UGC).
- 2) Dr. A. Muthusamy, **Finding the Co-occurrence of Text Entities from the Corpus**, International Journal of Recent Scientific Research (IJRSR), ISSN: 0976-3031(Online), Vol. 9, Issue, 1(D), pp. 23121-23131, January, 2018, (Indexed in UGC & Thomson Reuters).
- 3) Mr. A. Muthusamy, Dr. A. Subramani, **Automatic Discovery of Lexical Patterns using Pattern Extraction Algorithm to Identify Personal Name Aliases with Entities**, International Journal of Software Engineering and its Applications Vol. 9, No.12 (2015), PP: 165-176, (Indexed in Scopus).
- 4) Mr. A. Muthusamy, Dr. A. Subramani, **Lexical Pattern Extraction from Data Set Make Use of Personal Name Aliases**, International Journal of Advancements in Computing Technology (IJACT) Vol. 7, No. 3, May 2015, PP: 102-108, (Indexed in EBSCO, Google Scholar).
- 5) Mr. A. Muthusamy, Dr. A. Subramani, **Framework for pattern generation from discriminating datasets**, International Journal of Collaborative Intelligence Vol.1, No.2 (2015), PP: 115-123, (Indexed in Google Scholar, Asian Digital Library).
- 6) Mr. A. Muthusamy, Dr. A. Subramani, **A Survey of Automatic Extraction of Personal Name Alias from the Web**, International Journal of Signal Processing, Image Processing and Pattern Recognition Vol: 7, No: 6(2014), PP: 75-84, (Indexed in EI).
- 7) Mr. A. Muthusamy, Dr. A. Subramani, **Trust Enhanced Secure Mobile Ad-Hoc Network With Neighbor Collaboration Routing (SMNCR)**, i-manager's Journal on Software Engineering, Vol. 6 1 No. 1 1 July - September 2011, (Indexed in Google Scholar, EBSCO).

National

- 1) Dr. A. Muthusamy, Dr. A. Subramani, **Extracting Textual Information from Google Using Wrapper Class**, Advances in Networks, ISSN: 2326-9766 (Print); ISSN: 2326-9782 (Online), Vol. 5, No. 1, 2017, PP: 1-13, (Indexed in Google Scholar).

Other Publications: International / National Journals

- 1) Mr. A. Muthusamy, Dr. A. Subramani, **Graph Mining Algorithm to Evaluate Candidate Personal Name Aliases**”, **International Journal of Computer Applications**, Vol. III Issue-1 Sep. 2012, PP: 46-48.
- 2) Mr. A. Muthusamy, Dr. A. Subramani, **Second or Higher Order Associations between a Name and Candidate Name Aliases**, **Journal of Computer Applications (JCA)** ISSN: 0974-1925, Volume V, Issue 3, 2012, PP: 107-109.

Consultancy

Nature of Consultancy	Client	Amount	Completion Status
Billing software	Suriyan Agency, Coimbatore.	Rs. 10,000	Ongoing
Admission in Single Window System (SWS)	M.V. Muthiah Government Arts College for Women, Dindigul	-	Completed

Presentations in Conference

- 1) **Vehicular Ad-Hoc Networks on Wireless Technology**, National Conference on Recent Trends in Computing Technologies, Dept. of Computer Science, PSGR Krishnammal College for Women, Coimbatore, 10-Sep-18.
- 2) **Web Text Analytics using R – Statistical Computing**, International Conference on Next Generation Computing Technologies, Dept. of Computer Studies, Sankara College Science & Commerce, Coimbatore, 12-Oct-17.
- 3) **Measurement of Similarity: A Comparative Analysis of Naïve Bayes with Back Propagation Algorithm**, National Conference on Intelligent Computing, Dept. of Computer Science & Computer Applications, K. S. Rangasamy College of Arts & Science, Tiruchengode, 16 & 17-Sep-16.
- 4) **Recognition of Related Terms from WWW using Text Mining in R**, IEEE International Conference on Computing Technologies and Intelligent Data Engineering (ICCTIDE '16), Dept. of Computer Science & Engineering, National Engineering College, Kovilpatti, 7 to 09-Jan-16.
- 5) **Performance Evaluation of Text Classification on Person Name Dataset using Data Mining Tools**, Fourth National Conference on Intelligent Computing, Dept. of Computer Science & Computer Applications, K. S. Rangasamy College of Arts & Science, Tiruchengode, 3 & 4-Sep-15.

- 6) **Web based Referral System using Referral Tool**, National Conference on Recent Trends in Ubiquitous Computing & Communication Technology, Bannari Amman Institute of Technology, Sathyamangalam, 17-Sep.-11.
- 7) **Graph Mining Algorithm to Evaluate Higher Order Association between Name and Candidate Aliases**, National Conference on Emerging Issues in Computer Applications EICA '11, K.S.R. College of Engineering, Tiruchengode , 10-Feb-11.

Participation in Seminars

- 1) **Modelling the Neural Structure of Human Brain using Machine Learning**, K.S.Rangasamy College of Arts and Science, Tiruchengode, 17 & 18-Oct-16.
- 2) **Current Trends in IT Research**, K.S.Rangasamy College of Arts and Science, Tiruchengode, 27-Nov-15.
- 3) **Mathematical and Computational Bayesian Statistical Modeling in Decision Making**, Kongu Engineering College, Perundurai, 21 & 22-Oct-13
- 4) **Research in Computers Why? What? And How?**, Bharathiar University, 11-Mar-13.

Participation in Workshop

- 1) **Intellectual Property Right**, Sankara College of Science and Commerce, Coimbatore, 21-Jul-18.
- 2) **Solving Research Problems**, Center for Research, Dr. N.G.P Arts and Science College, Coimbatore, 31-Jul-17.
- 3) **R Programming Language**, Dept. of Computer Applications, National Institute of Technology, Tiruchirappalli, 16 & 17-Dec-15.
- 4) **Hands-on Training on WEKA**, Kongu Engineering College, Perundurai, 31-Aug-13.
- 5) **Research and Best Practice in Cloud Security**, K.S.R. College of Engineering, Tiruchengode, 23 & 24-Jan-13.

Participation in Faculty Development Programme

- 1) **.NET Programming**, ICT Academy of Tamil Nadu, 1 to 5-Oct-12.

- 2) **Quality Measures in Higher Education**, Dr. N.G.P. Arts and Science College, Coimbatore, 3 to 9-Dec-2018.
- 3) **Introduction to Big Data Analytics**, ICT Academy of Tamil Nadu, 1 & 2-Feb-19.

Conference / Seminar / Workshop Organized

- 1) Convener, DBT Sponsored National Level Workshop on Data Analytics and it's Applications in Biotechnology, Dr. N.G.P. Arts and Science College, Coimbatore, 14 & 15-Feb-19.
- 2) Organizing Secretary, Guest Lecture on Recent Trends on Internet of Things, Dr. N.G.P. Arts and Science College, Coimbatore, 30-Jan-19.
- 3) Organizing Secretary, Hands on Training, Android App Development, Dr. N.G.P. Arts and Science College, Coimbatore, 7-Sep-18.
- 4) Program Convener, International Conference on Research Trends in Computing Technologies (ICRTCT-18), Dr. N.G.P. Arts and Science College, Coimbatore, 9 & 10-Aug-18.
- 5) Organizing Committee Member, National Seminar on Ethical Hacking and Cyber Security, K.S.Rangasamy College of Arts and Science, 14-Feb-17.

Invited Speaker / Session Chair / Member Organizing Committee - Conference / Seminar / Workshop

- 1) Resource Person, National Seminar on Recent Trends in Text Computing and Embedded Systems, Dept. of Computer Science, Vivekanandha College of Arts and Science for Women, Sankari, Salem, 11-Feb-19.
- 2) Resource Person, State Level Seminar on Recent Trends in Advanced Computing and Techniques, Dept. of Computer Science, Siri PSG Arts and Science College for Women, Sangagiri, 22-Feb-18.
- 3) Rapporteur , Second International Conference on Advances in Computer Science & Information Technology (IRCACSIT-18), Dept. of Computer Science, Applications Technology & System, KG College of Arts & Science, Coimbatore, 10-Feb-18.
- 4) Resource Person, Guest Lecture on Recent Trends in IT Industry, Dept. of Computer Applications, PSGR Krishnammal College for Women, Coimbatore, 14-Sep-17.

- 5) Resource Person for Workshop on “.NET Programming”, organized by the Dept. of MCA, Vivekanandha College of Arts and Science for Women, Tiruchengode, 4-Aug-17.
- 6) Resource Person, Fifth National Conference on Intelligent Computing, Dept. of Computer Science & Computer Applications, K.S.R. College of Arts and Science, 16 &17-Sep-16.
- 7) Resource Person, Fourth National Conference on Intelligent Computing, Dept. of Computer Science & Computer Applications, K.S.R. College of Arts and Science, 3 & 4-Sep-15.

Editorial / Review Board Member

- 1) Editorial Board Member, Glacier Journal of Scientific Research (ISSN: 2349-8498), 2019.
- 2) Review Board Member, Journal of Computer Science Engineering and Information Technology Research, since 2018
- 3) Review Board Member, International Journal of Computer Applications in Technology - Inderscience Publishers, since 2018.
- 4) Transstellar, Journal Publications and Research Consultancy Private Limited (TJPRC Pvt. Ltd.), since 2016.
- 5) Review Board Member, International Journal of Computer Science Engineering and Information Technology Research, Transstellar Journal Publications and Research Consultancy Private Limited (TJPRC Pvt. Ltd.), since 2016.
- 6) Review Board Member, National Conference on Computational Intelligence (NCCI), Dept. of Computer Science (UG) in association with ICT Academy, Kristu Jayanti College, Bengaluru, 15-Sep-17.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
Internet Society	Life-time	-
Microsoft	Life-time	-

Awards / Honors

Awards / Honors	Agency / Institute	Year of Award
Research Award	Dr. N.G.P. College of Arts and Science	2018
Best Faculty	Kaviarasar Kalai Tamil Sangam, Nammakal	2018