



Dr. T. MEYYAPPAN
Professor

Contact

Address : Department of Computer Science
Science Block,
Alagappa University
Karaikudi – 630 003
Tamil Nadu, INDIA

Employee Number : 51401

Date of Birth : 21-02-1966

Contact Phone (Office) : +91 4565 223663

Contact Phone (Mobile) : +91 9443191278, +91 8072297711

Contact e-mail(s) : meyyappant@alagappauniversity.ac.in

Skype id : meyslotus@yahoo.com

Academic Qualifications: M.A./M.Sc./M.Phil./Ph.D./

M.Sc.[CA], M.B.A., M.Tech., M.Phil., Ph.D.,

Teaching Experience: 31 Years

Research Experience: 16 Years

Additional Responsibilities

1. **Deputy Director**, Online Directorate, Alagappa University (since February 2019)
2. **Ph.D. Entrance Examination Coordinator** (since February 2020)
3. As Placement Cell Coordinator, Alagappa University (2013-2016) conducted campus placement for 2102 students of 34 affiliated colleges and 20 university departments.

Areas of Research

1. Data Mining and Big Data Analytics
2. Image Processing
3. Network

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	9	8
	M.Phil.	41	2
Project	PG	124	10
	UG / Others	Xx	Xx

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
65	65	7	35	6

As on 05-03-2022

Cumulative Impact Factor (as per JCR) :	1.33
h-index :	14
i10 index :	16
Total Citations :	643

Funded Research Projects

Completed Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	U.G.C.	01-07-2012 Principal Investigator	30-06-2015	Design of a new algorithm to preserve the privacy in data publishing against record and attribute linkage attacks	3.05
2	National Technical Research Organization (NTRO), New Delhi	08-03-2007 Co-Investigator for Departmental Project	19-10-2012	Collaborative Directed Basic Research in Smart and Secure Environment	100

Ongoing Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1					
2					

Consultancy Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1					
2					

Others

Note: Budget must be rounded to two decimal places

Patents

1. xxx
2. xxx

Distinctive Achievements / Awards

1. Best Citizens of India Award – 2012 by International Publishing House, New Delhi
2. 25 years (1990-2015) of unblemished service award by Alagappa University.
3. Distinguished Researcher Award, 2021 by International Multi-disciplinary Research Foundation, Vijayawada, A.P.

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: **6**

1. Two Days **Workshop** On Computational Science Techniques For Understanding And Solving Complex Real Word Problems as **Co-Convener**, January 4-5 2018, Department of Computer Science, Alagappa University
2. **National Conference** on Emerging Trends in Computing NCETC 2017 as **Co-Convener**, March 13-14 2017, Department of Computer Science, Alagappa University
3. **International Workshop** on Data Science and Analytics as **Co-Convener** September 27-28 2016, Department of Computer Science, Alagappa University
4. **International Conference** on Innovations in Computer Science and Technology ICICST-2016, April 4-5 2016 as **Co-Convener**, Department of Computer Science, Alagappa University
5. **National Seminar** on Advances in Computer Science NSACS 2016 as **Coordinator**, October 21-22 2016, Department of Computer Science, Alagappa University
6. **National Conference MINDS-2014** March 27-28 2014 as **Organizing secretary**.

Events Participated (optional)

Conferences / Seminars / Workshops: xx

1. xxx
2. xxx

Other Training Programs

1. xxx
2. xxx

Overseas Exposure / Visits

1. International Conference on Computer Engineering and Mathematical Science (ICCEMS 2013), **Kualalumpur, Malaysia**, December 2013, presented a research paper.
2. International Conference On Computer Science And Information Systems (ICSIS'2014). International Institute For Engineers, IIE Int'i Conference, **Dubai (UAE)**, October 17-18 2014, presented a research paper and chaired a technical session.
3. World International Conference on Information Technology, **Bali, Indonesia**, September 10-12 2016, presented a research paper.

Membership in

Professional Bodies

1. AIRCC Software Engineering & Security Community Member (ID:128623)
2. IACSIT (International Association of Computer Science and Information Technology) Senior Member Member NO.: 80340931
3. IAENG (International Association of Engineering and Computer Scientists) Member No: 111192
4. Member in the panel of Experts in Rajasthan Public Service Commission

Editorial Board

1. International Journal of Applied Science and Technology, ISSN 2221-0997 (Print), 2221-1004 (Online) Editorial Board Member
2. International Journal of Computer Science and Security (IJCSS), ISSN:1985-1553, CSC Journals, Kuala Lumpur, Malaysia Reviewer Board Member

3. Advances in Computing , Scientific & Academic Publishing(SAP) P-ISSN: 2163-2944 ,E-ISSN: 2163-2979 Editorial Board Member
4. International Journal of Engineering Trends and Technology(IJETT) ISSN: 2231-5381 Board Member & Reviewer ID:SSRGJ-IJETT-1204
5. International Journal of Computer Organization and Trends(IJCOT) ISSN: 2249-2593 Board Member & Reviewer ID:SSRGJ-IJCOT-1305
6. International Journal on Computer Trends and Technology (IJCTT) ISSN: 2231-2803 Board Member & Reviewer ID:SSRGJ-IJCTT-1038
7. International Journal of P2P Network Trends and Technology (IJPTT) ISSN: 2249-2615 (Citation(indexing) – 12 databases) Board Member & Reviewer ID:SSRGJ-IJPTT-1403
8. World Academy of Science Engineering and Technology Scientific and Technical Committee & Editorial Review Board Member
9. International Journal of Communication Network and Security, Interscience Open Access Journals ISSN: 2231 – 1882 Editorial Board Member
10. International Journal of Computer & Communication Technology, Interscience Open Access Journals ISSN (ONLINE): 2231 -0371, ISSN (PRINT): 0975 – 7449 Editorial Board Member
11. International Journal of Computing and Corporate Research, Interscience Open Access Journals, ISSN (Online) 2249-054X International Expert
12. International Arab Journal of Electronic Technology(IAJET), Print ISSN: 1997-6364. Technical Committee

Advisory Board

1. HPAGC 2011 - Advisory and Technical Review Committee, Chitkara University, Punjab.

Academic Bodies (such as Board of Studies etc.,)

1. Subject Expert in ANJA College, Computer Science Board of Studies
2. Subject Expert in Dr. N.G.P. Arts and Science College, CBE, Computer Science Board of Studies
3. Board of Studies member in Computer Science, Vellalar College for Women, Erode
4. Board of Studies member in Computer Science, S.N.R. Sons College, CBE
5. Board of Studies member in Computer Applications, J.J. College, Pudukkottai.

6. Board of Studies member in Computer and Information Science, Annamalai University.
7. Board of Studies member in Computer Science, Avinasilingam Institute, CBE
8. External Subject Expert member in CAS promotion Committee, Gandhigram Rural Institute, Dindigul.
9. Subject Expert in CAS Professor Promotion scrutiny, Madurai Kamaraj University.
10. External Expert for Ph.D. and M.Phil., Admission interview, Madurai Kamaraj University.
11. PG Teacher Interview Panel Member, Kendra Vidyalaya, CECRI, Karaikudi.
12. Board of Studies member in Computer Science, Barathidasan University, Trichy
13. Subject Expert in P.G. department of Computer Science, St. Joseph College, Trichy.
14. Subject Expert in course affiliation and research centre recognition inspection committee, Bharathidasan University, Trichy.
15. Subject Expert in Ph.D. Research Advisor approval, Barathidasan University, Trichy.
16. Board of Studies member in Computer Science, Distance Education, Alagappa University.
17. Board of Studies member in Information Technology M.Sc. IT, Colleges affiliated to Alagappa University.
18. Course affiliation and Research Centre recognition inspection committee member for affiliated colleges of Alagappa University.
19. M.C.A. Admission interview panel Member, Alagappa University.
20. Sr. Tech. Officer Promotion Assessment Committee Member, CSIR, C.E.C.R.I, Karaikudi.
21. New study centre recognition inspection committee member for distance education, Alagappa University.

Resource persons in various capacities

Number of Invited / Special Lectures delivered: 15

1. Delivered expert lectures on **Web Design, Big Data Analytics, Green Computing, Cloud Computing, Distributed Computing and Cyber Security**, Key note address, Valedictory Address, Inaugural address in seminars, conferences and refresher courses of various colleges and universities in Tamilnadu.

Others

1. Articles published in Newspapers / Magazines : xx
2. Products developed : xx
3. No. of Ph.D. Thesis evaluated : **118**
4. No. of PhD Public Viva Voce Examination conducted : **80**

Recent Publications

1. M. Karolin and T. Meyyappan, July 2021, "Authentic Secret Share Creation Techniques using Visual Cryptography with Public Key Encryption", Multimedia Tools and Applications <https://doi.org/10.1007/s11042-021-11202-6> SCIE, (IF: 2.101)
2. S. Suganya and T. Meyyappan, January 2020, "Performance Analysis of Kmeans and Kmediods Algorithm in Air Pollution Prediction", International Journal of Recent Technology and Engineering (IJRTE), DOI: 10.35940/ijrte.E6495.018520, (IF: 1.0)
3. B. Karthick and T. Meyyappan, 2020, "A Survey on the Role of Big Data Analytics in Business Decision Making", Journal of Design Engineering, Toronto, CANADA, ISSN:001-9342 Issue 8, pp. 9792-9798 SJR 0.101 (2020), SCOPUS
4. M. Karolin and T. Meyyappan, December 2019, "Image Encryption and Decryption using RSA algorithm with Share creation Techniques", IJEAT, ISSN: 2249-8958, Volume-9, Issue-2, (IF: 1.0)
5. RM. Vallikannu and T. Meyyappan, November 2019, "Prediction of Individual's Character in Social Media", International Journal of Mobile Network and Applications , Issue : 24, pp.1763–1777, <https://link.springer.com/article/10.1007/s11036-019-01388-3>, SCIE 2.602
6. RM. Vallikannu, T. Meyyappan and SM. Thamarai, November 2019, "Predicting Tamil Movies Sentimental Reviews Using Tamil Tweets", International Journal of Computer Science, Science Publishers, USA, ISSN: 1552-6607(Online), 1549-3636(Print), pp. Volume 15, Issue 11, pp. 1638-1647, DOI: 10.3844/JCSSP.2019.1638.1647, SJR 0.17 (2019)

7. M. Veni and T. Meyyappan, October 2019, "Digital image watermark embedding and extraction using oppositional fruit fly algorithm", International Journal of Multimedia Tools and Applications (Springer), Volume 78, Issue 19, pp. 27491-27510 <https://link.springer.com/article/10.1007/s11042-019-7650-0>, SCIE 2.101
8. S. Suganya and T. Meyyappan, July 2019, "Forecasting and Prediction of air Pollution levels to Protect Human beings from health Hazard", International Journal of Scientific & Technology Research(IJSTR),IJSTR©2020,www.ijstr.org, (IF: 4.29)
9. R. Mahesh and T. Meyyappan, June 2019, " Fuzzy based cell generalization to improve the data utility with minimal loss of information", International Journal of Intelligent and Fuzzy systems IOS Press Netherlands, Volume 37 (2019), pp. 217-225, DOI: 10.3233/JIFS-179079, SCIE, (IF: 1.637)
10. K. Lakshmi and T. Meyyappan, February 2019,"Compact in-memory representation of large graph databases for efficient mining of maximal frequent sub graphs", Concurrency Computat Pract Exper. 2019;e5243. Wiley, onlinelibrary.com/journal/cpe © 2019 John Wiley & Sons, Ltd. <https://doi.org/10.1002/cpe.5243>, SCI 1.536
11. Abdul Rahaman Wahab Sait, M.Arunadevi and T. Meyyappan, 2019, "A Survey on Techniques to Detect Malicious Activites on Web", International Journal of Advanced Computer Science and Applications(IJACSA), Vol. 10, No. 2, 2019 ISSN 21565570, 2158107X Doi: 10.14569/IJACSA.2019.0100226, SCOPUS, ELSEVIER, SJR 0.193, (IF: 0.82)
12. Abdul Rahaman Wahab Sait and T. Meyyappan, November 2016, "Classification of Web Pages and Extraction of user Browsing Pattern from Web Log using Reinforcement Learning", European Journal of Scientific Research ISSN 1450-216X / 1450-202X Vol. 143 No 1 November, 2016, pp.39-52,(IF: 0.713)
13. Abdul Rahaman Wahab Sait and T. Meyyappan, June 2016, "An Automated Web Page Classifier and an Algorithm For the Extraction Of Navigational Pattern From The Web Data Journal of Web Engineering", Vol. 16, No.1&2 (2017) 126-144 © Rinton Press June 27, 2016, SCI, (IF: 0.617)
14. M.Karolin and T.Meyyappan, July 2015, RGB Based Secret Sharing Scheme in Color Visual Cryptography ISSN (Online) 2278-1021 ISSN (Print) 2319-5940 International Journal of Advanced Research in Computer and Communication Engineering Vol. 4, Issue 7, July 2015,IJARCCE DOI 10.17148/IJARCCE.2015.4734 151, (IF:0.564)

Book Chapters

1. Vallikannu Ramanathan, T. Meyyappan, S. M. Thamarai, October 2021, Sentiment Analysis: An Approach for Analysing Tamil Movie Reviews Using Tamil Tweets, Recent Advances in Mathematical Research and Computer Science Vol. 3, Chapter 4, Page 28-39, Print ISBN: 978-93-5547-212-0, eBook ISBN: 978-93-5547-213-7. DOI: <https://doi.org/10.9734/bpi/ramrcs/v3/4845F>
2. S. Alagu, T. Meyyappan, May 2021, Studies on Dynamic Channel Allocation Scheme to Handle Handoff in Wireless Mobile Network, Chapter 1, May 2021, Theory and Practice of Mathematics and Computer Science Vol. 11, 24 May 2021, Page 1-14 ISBN 978-93-91215-40-8 (Print) ISBN 978-93-91215-41-5 (eBook)
3. M. Karolin, T. Meyyappan, August 2020, A Novel Secret Share Creation Technique Using Multiple Image Encryption and Decryption, Recent Advances in Science and Technology Research, BPI, India, Chapter 3, ISBN: 978-93-90206-60-5, DOI: 10.9734/bpi/rastr/v5, <https://bp.bookpi.org/index.php/bpi/catalog/book/241>
4. S. Balasubramanian, T. Meyyappan, October 2019, Game Theory Based Offload and Migration-Enabled Smart Gateway for Cloud of Things in Fog Computing, Advances in Intelligent Systems and Computing, (AISC, volume 1025) Page Nos. 253-266, Springer Nature Singapore Pte Ltd., B. Iyer et al. (eds.), Computing in Engineering and Technology, https://doi.org/10.1007/978-981-32-9515-5_24
5. T. Meyyappan, S. M. Thamarai N. M. Jeya Nachiaban Recursive Chain Coding Method for Lossless Digital Image Compression, January 2012, Advances in Intelligent and Soft Computing book series, Springer, Berlin, Heidelberg Volume 132, Page Nos. 429-435, Print ISBN 978-3-642-27442-8, https://doi.org/10.1007/978-3-642-27443-5_49
6. T. Meyyappan, S.M. Thamarai, N.M. Jeya Nachiaban, September 2011, A New Method for Lossless Image Compression Using Recursive Crack Coding, Advances in Digital Image Processing and Information Technology, Page Nos. 128-135, Sep 2011 Springer, Berlin, Heidelberg, Print ISBN 978-3-642-24054-6, Online ISBN: 978-3-642-24055-3 DOI: https://doi.org/10.1007/978-3-642-24055-3_13