NAME : Dr. T. Meyyappan

DESIGNATION: Sr. Professor

Contact

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Academic Qualifications

Degree	Institution	Year	Branch	Class
Ph.D.	Alagappa University Karaikudi	2011	Computer Science and Engineering	Awarded
M.Phil.	Alagappa University, Karaikudi	2001	Computer Science	First
M.Sc. C.A.	Alagappa University, Karaikudi	1988	Computer Applications	First
M.B.A.	Annamalai University, Chidambaram	2002	Business Administration	Second
M.Tech.	Manonmaniam Sundaranar University, Tirunelveli	2013	Computer Technology	First
B.Sc.	Thiagarajar Arts College, Madurai	1986	Physics	First

Teaching Experience

Total Teaching Experience   :   33 Years

Position	Institution	Duration
Lecturer	Alagappa University	10-11-1990 to 26-07-1998
Lecturer (SS)	Alagappa University	27-07-1998 to 26-07-2003
Computer Director In-Charge	Alagappa University	27-10-2005 31-12-2005
Lecturer(SG)	Alagappa University	27-07-2003 to 26-07-2006
Associate Professor	Alagappa University	27-07-2006 to 26-01-2011
Professor	Alagappa University	27-01-2011 to 31-12-2020
Senior Professor	Alagappa University	27-01-2021 to Till Date
Senior Professor and Head	Alagappa University	01-06-2022 to 31-05-2023

Research Experience

Total Research Experience   :   22   Years

Position	Institution / University	Duration
Ph.D. Guide and Doctoral Committee Member	Department of Computer Science, Alagappa University	June 2011 to Till Date

Academic and Additional Responsibilities

S.No	Position	University Bodies	Period	
			From	**To**
1	Deputy Director, Online Directorate,	Alagappa University	March 2019	June 2022
2.	Ph.D. Entrance Examination Coordinator	Alagappa University	Feb 2020	Till Date
3	Placement Cell Coordinator	Alagappa University	June 2013	June 2016
4	Social media Champion to maintain tweeter account of Alagappa University	Alagappa University	July 2019	Till Date
5	Head, Department of Computer Science, Chairperson, School of Computational Sciences	Alagappa University	June 2022	May 2023
6	Sr. Professor and Chairperson	Alagappa University	March 2019	Till Date

Areas of Research

- **Operation Research – Multi Objective Optimization**
- **Image Processing**
- **Data Mining**
- **Big Data Analytics**
- **Networking**

Patents Filed

- Smart Silambam Stick Design Patent No. 370504-001 filed on 07-09-2022 **Published** on 30-11-2023, THE PATENT OFFICE, GOVT. OF INDIA, Sl. No. 149299

Research Supervision/Guidance

Program of Study		Completed	Ongoing
Research	Ph.D	10	7
	M.Phil	46	--
Project	PG	102	20
	UG/ Others	--	--

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/ Monographs/Manuals
40	43	1	23	7(Book Chapter-6, Monograph-1)

Cumulative Impact Factor(asperJCR) :**2.07**

h-index :15

i10 index :18

Total Citations (as on 03-03-2024) : 861

No. of PhD Thesis evaluated : 122

No. of PhD Public Viva Voce Examination : 85
conducted

Funded Research Projects

Ongoing Projects:

| S.No | Agency | Period | | Project Title | Budget |
		From	To		(Rs.In lakhs)
1	RUSA 2.0 TBRP (Theme based Research Project)	19-10-2022		Air Pollution Prediction using Air Quality Data from Meteorology Dept.	4.00

Completed Projects:

| S.No | Agency | Period | | Project Title | Budget |
		From	To		(Rs.In lakhs)
1	National Technical Research Organization (NTRO), New Delhi	2006	2012	Smart and Secure Environment	100 (Co-Investigator)
2	U.G.C.	2012	2015	Design of a new algorithm to preserve the privacy in data publishing against record and attribute linkage attacks	3.4 (Principal Investigator)

Distinctive Achievements / Awards

- **25 years (1990-2015) of unblemished service award** by Alagappa University.

- **Outstanding Academic and Research Excellence award** for the academ2020-21, 2021-22 and 2022-23 by Alagappa University

Events organized in leading roles

Number of Seminars /Conferences /Workshops/ Events organized:

Position	Programme	Duration	Institution
Convenor	**RTCS-2023** Two Days International Conference on Recent Trends in Computer Science	30-31st March 2023	Alagappa University

Convenor	**MAIOT-2022 -** Three Days Workshop on Multimedia Animation and Internet of Things	28-30th September 2022	Alagappa University
Convenor	**TECHNOVA-2022** - Two days Students Technical Symposium for the UG computer science students of Colleges in Tamilnadu, organized by students association of computing (ALUCSSA)		Alagappa University
Convenor	One Day Expert Lecture on Ethical Hacking in association with Thrivee Technologies, 1st August 2022. Chennai as Convenor		Alagappa University
Convenor	One Day Expert Lecture on Mobile Application Development		Alagappa University
Co-Convener	Two Days Workshop On Computational Science Techniques For Understanding And Solving Complex Real Word Problems	4-5thJanuary 2018	Alagappa University
Co-Convener	**NCETC – 2017**National Conference on Emerging Trends in Computing	13-14thMarch 2017	Alagappa University
Co-Convener	International Workshop on Data Science and Analytics	27-28thSeptember 2016	Alagappa University
Co-Convener	**ICICST-2016** International Conference on Innovations in Computer Science and Technology	4-5thApril 2016	Alagappa University
Coordinator	NSACS 2016 National Seminar on Advances	21-22ndOctober 2016	Alagappa University
Organizing Secretary	MINDS-2014 National Conference on Mining Internetworking and Data Security	27-28th March 2014	Alagappa University

Events Participated

Number of Conferences/Seminars/Workshops: 70

Overseas Exposure/Visits

- International Conference on Computer Engineering and Mathematical Science (ICCEMS 2013),Kuala Lumpur, **Malaysia**, December 2013, presented a research paper. Financial Assistance by Alagappa University.

- International Conference On Computer Science And Information Systems (ICSIS'2014).International Institute For Engineers, Iie Int'i Conference, **Dubai** (UAE),October 17-18th October 2014,**Chaired a Technical Session** and also presented a research paper.

- World International Conference on Information Technology, Bali, **Indonesia**, 10-12thSeptember 2016, presented a research paper.

Membership

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 Commision

Advisory Board

Year/Period	Name of the BoS/Administrative Committee / Academic Committee	Role
2017-2019	World Academy of Science Engineering and Technology Scientific Technical Committee	& Editorial Review Board Member
2017-2019	International Journal of Communication Network and Security, Inter science Open Access Journals ISSN: 2231 – 1882	Editorial Board Member
2017-2019	International Journal of Computer & Communication Technology, Inter science Open Access Journals ISSN (ONLINE): 2231 -0371, ISSN (PRINT): 0975 – 7449	EditorialBoard Member
2017-2019	International Journal of Computing and Corporate Research, Inter science Open Access Journals, ISSN (Online) 2249-054X	International Expert
2016-2018	International Journal on Computer Trends and Technology (IJCTT) ISSN: 2231-2803ID:SSRGJ-IJCTT-1038	Board Member & Reviewer
2016-2019	International Journal of P2P Network Trends and Technology (IJPTT) ISSN: 2249-2615ID:SSRGJIJPTT-1403	Board Member &Reviewer
2015-2017	International Journal of Engineering Trends and Technology(IJETT) ISSN: 2231-5381 ID:SSRGJ-IJETT-1204	Board Member & Reviewer

2015-2017	International Journal of Computer Organization and Trends(IJCOT) ISSN: 2249-2593 ID:SSRGJ-IJCOT-1305	Board Member & Reviewer
2012-2015	International Journal of Computer Science and Security (IJCSS), ISSN:1985-1553,CSC Journals, Kuala Lumpur, Malaysia	Reviewer Board Member
2012-2015	Advances in Computing , Scientific & Academic Publishing(SAP) P-ISSN: 2163-2944,E-ISSN: 2163-2979	Editorial Board Member
2011	International Arab Journal of Electronic Technology(IAJET), Print ISSN: 1997-6364.	Technical Committee Member
2011	International Arab Journal of Electronic Technology(IAJET), Print ISSN: 1997-6364.	Technical Committee Member
2011	HPAGC 2011 - Chitkara University, Punjab.	Advisory and Technical Review Committee Member
2011-2013	International Journal of Applied Science and Technology, ISSN 2221-0997 (Print), 2221-1004 (Online)	Editorial Board Member

Academic Bodies in Other Institutes/Universities

Year/Period	Name of the BoS/Administrative Committee / Academic Committee	Role
2023	Board of Studies in PG Computer Science, Barathidasan University, Trichy	Subject Expert
2021	Ph.D. guideship scrutiny and approval , Bharathidasan University, Trichy.	Subject Expert
2021	CAS promotion Committee, Gandhigram Rural Institute, Dindigul.	Member
2021	CAS Professor Promotion Committee, Madurai Kamaraj University	Subject Expert
2021	PG Teacher Recruitment Interview Panel, Kendra Vidyalaya, CECRI, Karaikudi.	Member
From 2021	ANJA College, Sivakasi,UG and PG Computer Science Board of Studies	Subject Expert
From 2021	Dr. N.G.P. Arts and Science College, CBE,UG and PG Computer Science and Cognitive Systems Board of Studies	Subject Expert
From 2021	Board of Studies in UG and PG Computer Applications, J.J. College, Pudukkottai	Member
From 2021	Board of Studies in PG Computer and Information Science department, Annamalai University.	Member
From 2020	Course affiliation and research centre recognition inspection committees, Bharathidasan University, Trichy.	Subject Expert

2020	Board of Studies in PG Computer Science, St. Joseph College, Trichy, Barathidasan University (online)	External Expert
From 2020	Board of Studies in UG and PG Computer Science, S.N.R. Sons College, CBE	Member
From 2019	UG and PG, M.Phil. board of studies in computer science and information technology courses of distance education, Alagappa University	Chairman
From 2019	Board of Studies in Information Technology course in colleges affiliated to Alagappa University.	Member
2019	Sr. Tech. Officer Promotion Assessment Committee, CSIR, C.E.C.R.I,Karaikudi.	Member
From 2018	Course affiliation and Research Centre recognition inspection committee member for colleges affiliated to Alagappa University.	Member
2018	M.C.A. Admission interview panel, Alagappa University	Member
From 2016	Inspection committee to visit and assess new distance education study centres of distance education,Alagappa University.	Member
From 2016	Inspection to visit and assess new collaborative institutions of Alagappa University.	Member
2015-2016	Board of Studies member in Computer Science, Avinasilingam Institute, CBE	Member

Ph.D. Thesis Guided

S.No	Name of the Scholar	Title of the Thesis	Year of Completion
1	Dr. P. Pandiselvi (Regno 617)	Recognition Of Numerals And English Alphabets In Digital Images Using Soft Computing Techniques	2016
2	Dr. S. Alagu (Regno 458)	Dynamic Channel Allocation And Prioritized Queueing Scheme To Handle Hand Off In Wireless Mobile Network	2017
3	Dr. M. Ilayaraja (Regno 616)	A Novel Mining Method To Identify Risk Factors Frequently Causing Heart Disease To Patients Through Frequent Itemset Generation	2017
4	Dr. S. Abdul Rahman (Regno 632)	Automated Web Page Classification And Navigational Pattern Extraction From Web Data Using Reinforcement Learning	2017
5	Dr. S. Kasthuri (Regno 609)	Novel Method To Hide Sensitive Association Rules In Privacy Preserving Data Mining	2017
6	Dr. R. Mahesh (Regno 522)	Privacy Preservation In Data Publishing Against Record And Attribute Linkage Attacks	2020

7	Dr.. K. Lakshmi (Regno 437)	Design Of Efficient Algorithm For Significant Pattern Mining In Static And Dynamic Graphs	2021
8	Dr. RM. Vallikkannu (Regno 728)	Exppeditious Method For Identification Of Definitive Polarity In Social Networks Using Sentiment Analysis	2021
9	Dr. M. Veni (Regno 821)	Encryption And Watermarking For Digital Images	2021
10	Dr. M. Karolin (Regno 1598)	Authentic Secret Image Sharing Scheme In Color Visual Cryptography	2022

List of Research Articles / Recent Publications

S. No	Authors/Title of the paper/Journal	Impact Factor
1	B. Karthick, T. Meyyappan, "Improving Social Media Data Quality For Effective Analytics: An Empirical Investigation Based On E-BDBMS", Journal of Applied Mathematics and Informatics, June 2023, Volume 41 Issue 5 / Pages.1129-1143 / 2023 / 2734-1194(pISSN) / 2234-8417(eISSN), **SOUTH KOREA** https://doi.org/10.14317/jami.2023.1129 https://koreascience.kr/article/JAKO202329356878619.pdf	SJR 0.149
2	M. Karolin and T. Meyyappan, July 2021, "Authentic Secret Share Creation Techniques using Visual Cryptography with Public Key Encryption", Multimedia Tools and Applications, **SPRINGER, NETHERLANDS**, DOI: 10.1007/s11042-021-11202-6	SCIE 2.101
3	S. Suganya and T. Meyyappan, January 2020, "Performance Analysis of Kmeans and KmediodsAlgorithm in Air Pollution Prediction", International Journal of Recent Technology and Engineering (IJRTE), DOI: 10.35940/ijrte.E6495.018520 https://www.ijrte.org/wp-content/uploads/papers/v8i5/E6495018520.pdf	1.0
4	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 https://www.sciencedirect.com/science/article/abs/pii/S0923474822000273	SCOPUS SJR 0.101
5	M. Karolin and T. Meyyappan, December 2019, "Image Encryption and Decryption using RS Aalgorithm with Share creation Techniques", IJEAT, ISSN: 2249-8958,Volume-9,Issue-2. https://www.ijeat.org/wp-content/uploads/papers/v9i2/B4021129219.pdf	1.0
6	RM. Vallikannu and T. Meyyappan,November 2019, "Prediction of Individual's Character inSocial Media", International Journal of Mobile Network and Applications,**SPRINGER, NETHERLANDS,** Issue : 24, pp.1763–1777, link.springer.com/article/10.1007/s11036-019-01388-3	SCIE 2.602

7	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 https://thescipub.com/abstract/jcssp.2019.1638.1647	SJR 0.17
8	M. Veni and T. Meyyappan, October 2019, "Digital image watermark embedding and extractionusing oppositional fruit fly algorithm", International Journal of Multimedia Tools andApplications, **SPRINGER, NETHERLANDS**, Volume 78, Issue 19, pp. 27491-27510 https://link.springer.com/article/10.1007/s11042-019-7650-0	SCIE 2.101
9	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 https://www.ijstr.org/final-print/jan2020/Forecasting-And-Prediction-Of-Air-Pollution-Levels-To-Protect-Human-Beings-From-Health-Hazards.pdf	
10	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,https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs179079	SCIE 1.637
11	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
12	Abdul Rahaman Wahab Sait, M.Arunadevi and T. Meyyappan,2019, "A Survey on Techniques toDetect Malicious Activites onWeb", International Journal of Advanced Computer Science and Applications(IJACSA), Vol. 10, No. 2, 2019 ISSN 21565570, 2158107XDOI: 10.14569/IJACSA.2019.0100226, **ELSEVIER, U.K.** https://thesai.org/Publications/ViewPaper?Volume=10&Issue=2&Code=ijacsa&SerialNo=26	SCOPUS 0.82 SJR 0.193
13	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 / 1450-202XVol. 143 No. 1,November, 2016,pp.39-52 https://journals.riverpublishers.com/index.php/JWE/article/view/3303	0.713
14	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, **USA**, June 27, 2016 https://journals.riverpublishers.com/index.php/JWE/article/view/3303	SCI 0.8

| 15 | 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 https://www.ijarcce.com/upload/2015/july-15/IJARCCE%2034.pdf | |

Resource persons in various capacities

National Conferences   :   15

International Conferences   :   12

Invited Lectures   :   25