

NAME **: Dr.A.Nagarajan**

DESIGNATION **: Assistant Professor & Head incharge**

Contact

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Academic Qualifications

Degree	Institution	Year	Branch	Class
Ph.D.	Madurai Kamaraj University	2014	Computer Science	Recommended
M.Phil	Madurai Kamaraj University	2005	Computer Science	First
M.C.A.	PSNA College of Engineering and Technology, Dindigul, Tamilnadu.	2002	Computer Applications	First
B.Sc.	Jayaraj Chelladurai Arts and Science College , Periyakulam, Tamilnadu	1999	Computer Science	First

Teaching Experience

Total Teaching Experience : 21 Years 7 Months

Position	Institution	Duration
Assistant Professor	Alagappa University, Karaikudi	**30.01.2016 to Till date (10 Years 9 Month)**
Assistant Professor	PSNA College of Engineering and Technology, Dindigul	**01.09.2010 to 29.01.2016 (5 Years 5 Month)**
Lecturer	PSNA College of Engineering and Technology, Dindigul	**02.03.2006 to 30.08.2010 (4 Years 6 Month)**

Research Experience

Total Research Experience :16 Years

Position	Institution / University	Duration
Faculty	**Alagappa University**	**30.01.2016 to Till date**

Academic and Additional Responsibilities

S.No	Position	UniversityBodies	Period	
			From	To
1	Head in-charge	Alagappa University	02.06.2026	Till date
2	Director Data Management Center	Alagappa University	06.08.2025	Till date
3	Deputy Co-ordinator	AU-ILFS- Small Industries Service Unit (SISU)	05.09.2019	2026
4	Coordinator	Swachh Bharat	11.07.2018	Till date
5	Coordinator - SPOC	Hackathon	18.04.2022	Till date
6	Training Partner- Single Point Coodinator	Naan Mudhalvan	27.01.2023	2024

Areas of Research

- **Image Processing, Cloud Computing, Biometric Authentication, IOT, Cyber Security, Artificial Intelligence.**

Research Supervision/ Guidance

ProgramofStudy		Completed	Ongoing
Research	PDF	-	-
	Ph.D	1	3
	M.Phil	17	-

Project	PG	194	15
	UG/ Others		

Publications

International		National		Others
Journals	**Conferences**	**Journals**	**Conferences**	**Books/Chapters/Monographs/Manuals**
43	24	5	25	8

Cumulative Impact Factor(asper JCR) : 1.5

h-index : 5

i10 index : 3

Total Citations : 86

Publications

Thesis Evaluated : 2

VivavoceExaminer : 2

Funded Research Projects

Completed Projects:

S.No	Agency	Period		ProjectTitle	Budget (Rs.In lakhs)
		From	To		

1	**AURF**	**2017-2018**	Literature Survey and Comparative Analysis on Skin Detection and Face Detection Algorithms for Intelligent Image Processing"	**0.35**
2	**RUSA 2.0**	**2019 to Till Date**	Unsupervised Learning for features Selection Proposed Solution for Botnet Detection in 5G Networks	**3.9**
3	**AURF**	**2024 -2025**	Enhancing Maternal Health Monitoring via Wearable devices:Leveraging Features\ Extraction Techniques	**0.60**

Other Fund Received as Research Mentor:

S.No	**Agency**	**Period**		**ProjectTitle**	**Budget** (Rs.In lakhs)
		From	**To**		
1	Entrepreneur in Residence (ElR) Scheme Under RUSA 20.0	Dec 2023 to Feb 2024		Smart Weighing Machine In Image Processing For Remote Weight Measurement And Monitoring	0.5

Distinctive Achievements / Awards

Consultancy Projects:

- Received **Fellow of Bose Science Society** – Outstanding contribution and invaluable service to the promotion of Scientific research in the field of Image processing at TNSRO, Affiliated with vigyan Prasar, Department of Science and Technology, Government of India, New Delhi on 14.02.2019.

Events organized in leading roles

Number of Seminars / Conferences / Workshops/ Events organized: 40

1. One Day National Seminar on **"**"Cyber Safety: Understanding Threats, Risks and Protection**"** Organized by the Department of Computational Logistics , Alagappa University, Karaikudi during October 14th, 2026 as **Convener** & **Organizing Secretary.**
2. One Day National Seminar on **"Building Industry-Ready IT Professionals through Skills, Tools, and Emerging Technologies** " Organized by the RUSA 2.0 and Department of Computational Logistics , Alagappa University, Karaikudi during July 30th, 2026 as **Organizing Secretary.**
3. One Day Workshop on "**Inter/Intra Institutional Hackathon /Idea Competition Challenge**" conducted by the Institution's Innovation Council and Department of Computer Applications , Alagappa University, Karaikudi during February26th, 2026 as **Organizing Secretary.**
4. One day National Seminar on "Next Gen IT Industry Trends - AI and AGI" conducted by the Department of Computer Applications, Alagappa University, Karaikudi held on February 11th , 2026 as Co-Convenor**.**
5. Three-Day Workshop on "E-Governance and Cyber Law in the Digital Era" conducted by the Department of Computer Applicationsunder Skill Training Programmes through RUSA 2.0 – EIC Hub , Alagappa University, Karaikudi during October 23rd to 25th 2025 as **Organizing Secretary.**
6. **Chairperson** in the International Conference on "Futurebio 2025: Smart Technologies and Sustainable Strategies in Biosciences"(FSTSSB-2025) organized by the Department of Animal Health and Management, Alagappa University, Karaikudi held on September 29th and 30th,2025.

7. One Day workshop on "**Inter/Intra Institutional Startup Competition and Deposition in the Institutions Yukthi-Innovation Repository**" conducted by the Institution's Innovation Council & Higher Education Innovation Cell and Department of Computer Applications , Alagappa University, Karaikudi held on August 19th , 2025 as organizing Secretary.
8. **Chaired a paper presentation session and Reviewer** in the National Conference on Advances in Computing and Data Science (NCACDS-2025) organized by the Department of Computer Science, Alagappa University, Karaikudi held on April 2nd and 3rd ,2025.
9. Three days Alagappa University Talent Exhibit Show–(ALUTES -2025) conducted by the Cultural Club, Alagappa University, Karaikudi held on March 6th to 8th , 2025 acted as **Event Coordinator**in Classical dance (SOLO)/ Folk/Tribal Dance (Group).
10. One Day workshop on "**Inter/Intra Institutional Startup Competition Challenge / Hackathon and reward best innovations Manage through Yukthi-Innovation Repository**" conducted by the Institution's Innovation Council & Higher Education Innovation Cell, Alagappa University, Karaikudi held on Feb20th , 2025 as organizing Secretary.
11. One Day workshop on "**Inter/Intra Institutional Startup Competition and reward best startup**" conducted by the Institution's Innovation Council & Higher Education Innovation Cell, Alagappa University, Karaikudi held on August19th , 2024 as organizing Secretary.
12. **Event Judge** for State Level Technical Symposium "TECHNOVA-2K24"organized by the Department of Computer Science and Alagappa University Computer Science Students Association, Alagappa University, Karaikudi, held on Feburary 20th and 21st , 2024

13. One day National Seminar on "Artificial Intelligence in Healthcare Diagnosis and Beyond" conducted by the Department of Computer Applications, Alagappa University, Karaikudi held on October 20th , 2023 as **Organizing Secretary.**
14. Three days Alagappa University Inter Collegiate Talent Exhibit Show– ALAGU AARAM 2023 conducted by the Cultural Club, Alagappa University, Karaikudi held on March 30th to April 01st ,2023 as **Advisory Committee Member.**
15. **Chaired a paper presentation session Chair** in the International Conference on Recent Trends in Computer Science-RTCS2023 organized by the Department of Computer Science, Alagappa University, Karaikudi held on March 30th and 31st ,2023.
16. Two Days workshop on "Current Career Opportunities for Data Science & Microservices in IT Sector" conducted by the Department of Computer Applications, Alagappa University, Karaikudi held on March 16th and 17th , 2023 as **Organizing Secretary.**
17. Three days Alagappa University Talent Exhibit Show–(ALUTES -2023) conducted by the Cultural Club, Alagappa University, Karaikudi held on March 2nd to 4th , 2023 as **Event Coordinator**.
18. One Day workshop on "**InternalHackathon and reward best ideas manage through YUKTI- NIR**" conducted by the Institution's Innovation Council & Higher Education Innovation Cell, Alagappa University, Karaikudi held on February 24th , 2023 as organizing Secretary
19. One Day Programme on "**InternalHackathon and reward best ideas manage through YUKTI- NIR**" conducted by the Institution's Innovation Council & Higher Education Innovation Cell, Alagappa University, Karaikudi held on November 30th , 2022 as **Coordinator.**
20. One Day National workshop on "Technology Integration for Smart Environment" conducted by the Department of Computer Applications, Alagappa University, Karaikudi held on May 6th , 2022 as **Organizing Secretary.**

21. One Day National Seminar on "Technology Trends in Digital world" conducted by the Department of Computer Applications, Alagappa University, Karaikudi held on April 11th , 2022 as **Organizing Secretary.**
22. One Day National Conference on "Recent Research Trends in Computer Science (NCRRTCS' 19) Sponsored by RUSA Phase 2.0 Research Scholars Scheme conducted by the Department of Computer Applications, Alagappa University, Karaikudi held on November 04th , 2019 as **Co-Convener , Reviewer and Advisory Committee Member.**
23. **Chaired a paper presentation session and Reviewer** in the International Conference on Computational Sciences (ICCS-2019) organized by the Department of Computer Science, Alagappa University, Karaikudi held on October 23rd and 24th ,2019.
24. **Chaired a paper presentation session and Reviewer** in the International Conference on Computational Intelligence and Applications (ICICA-2019) organized by the Department of Computational Logistics, Alagappa University, Karaikudi in association with Department of PG Studies and Research in Computer Science Mangalore University, Mangalore held on August 8th and 9th ,2019.
25. Two day short term training programme on "Mobile Apps" conducted by the University Business Collaboration Centre and Department of Computer Applications, Alagappa University, Karaikudi held on April 4th& 5th , 2019 as **Organizing secretary.**
26. Two day Alagappa University Inter Collegiate Talent Exhibit Show– ALAGU AARAM 2019 conducted by the Cultural Club, Alagappa University, Karaikudi held on February 2nd& 3rd , 2019 as **Event Coordinator**.
27. Seventeen days Programme Centre on **Swachh Bharat and Swasth Bharat** activity – Compost pit build and waste into manure - Alagappa University communicate by University grants commission , New Delhi held on September 15th to 2nd October , 2018 as **Coordinator**.

28. Two day Alagappa University Inter Collegiate Festival – ALAGU AARAM 2018 conducted by the Cultural Club, Alagappa University, Karaikudi held on March 24th& 25th , 2018 as **Event Coordinator**.
29. International Conference on Information, Communication and Digital Security (ICICDS-2018) organized by the Department of Computer Applications, Alagappa University, Karaikudi held on March 21st and 22nd ,2018 as **Organizing Committee Member.**
30. **Chaired a paper presentation session chair and Reviewer** in the International Conference on Information, Communication and Digital Security (ICICDS-2018) organized by the Department of Computer Applications, Alagappa University, Karaikudi held on March 21st and 22nd ,2018.
31. DST-Purse Sponsored Two Day National Seminar on " Recent Research Trends and Developments in Computer Science " conducted by the Department of Computer Applications, Alagappa University, Karaikudi held on March 8th& 9th , 2018 as **Organizing Committee Member.**
32. Two day short term training programme on "Hands-on training in Computer Networks and R programming conducted by the Department of Computer Applications, Alagappa University, Karaikudi held on Jan 31 & Feb 1 , 2018 as **Organizing secretary**
33. **Best Teacher Award** received from Dr.APJ Abdul kalam art Literary Forum K.N Shanmugasundaram Hall, Mylapore, Chennai dated 28.01.2018 .
34. **Chaired a Paper presentation Session** in the National Conference on Cyber Security(NCCS-2018) organized by the Department of Computer Science, Alagappa University ,Karaikudi held on 25th January 2018.
35. Three days Alagappa University Talent Exhibit Show–(ALUTES -2017) conducted by the Cultural Club, Alagappa University, Karaikudi held on October 12 to 14th , 2017 as Event Coordinator.

36. **Co -Chaired a Paper presentation Session** in the National conference on Emerging Trends in Computing organized by the Department of Computer Science, Alagappa University ,Karaikudi from 13.03.2017 to 14.03.2017
37. **Chaired a Paper presentation Session and Reviewer** in the IT Skill Show & International Conference on Advancements in Computing Resources organized by the Alagappa Institute of Skill Development & Computer Centre, Alagappa University ,Karaikudi ,February 15th and 16th ,2017
38. National Seminar on Recent Developments In Computer Networks (NSRDCN- 2016) conducted by the Department of Computer Applications, Alagappa University, Karaikudi held on November 7-8, 2016 as a **Co-ordinator**
39. **Event Judge** for Tamil-Treatise Competition conduct by NATIONAL UNITY DAY "Sardar Vallabhbhai Patel Birth Anniversary Celebrations -2016 , Alagappa University, Karaikudi held on November 1, 2016.
40. Three days Alagappa University Talent Exhibit Show–(ALUTES -2016) conducted by the Cultural Club, Alagappa University, Karaikudi held on October 3rd to 5th , 2016 as Technical Committee Member.
41. Chaired a Paper presentation Session and Reviewer in the International conference on Innovations in Computer Science & Technology(ICICST-2016) conducted by the Department of Computer Science and Engineering, Alagappa University, Karaikudi, April 4th -5th , 2016.

Events Participated

Number of Conferences/Seminars/Workshops: 86

OverseasExposure/Visits

Malaysia

Membership

Professional Bodies

1. Indian Society for Technical Education (ISTE) – LM57199 – from 2008
2. International Associations of Engineers (IAENG) – 186417 from 2017

Advisory Board

Year / Period	Name of the BoS / Administrative Committee / AcademicCommittee	Role
01.03.2022 to Till date	Doctoral Committee Member –Anna University , Chennai	Subject Expert
30.01.2016 to till date	Doctoral Committee Member –Alagappa University ,	Subject Expert
30.01.2016 to till date	Board of Studies for M.Phil -(Computer Science, MCA)- Alagappa University	Subject Expert
2023-2024	Board of Studies for M.Sc -Computer Science (AI & Data Science)- Alagappa University	Subject Expert
2022-2024	Board of Studies for B.Voc Software Development -Alagappa University	Subject Expert
2022-2025	Broad based board of studies BCA for affiliated College, Alagappa University	Subject Expert
2025-2027	Broad based board of studies BSc Maths(Computer Application) for affiliated College, Alagappa University	Subject Expert
2026-2029	Broad based board of studies BSc Artificial Intelligence for affiliated College, Alagappa University	Subject Expert
2026-2029	Broad based board of studies B.Voc Software Development for affiliated College, Alagappa University	Subject Expert

2026-2029	Broad based board of studies B.Sc Information Technology for affiliated College, Alagappa University	Subject Expert
2026-2029	Broad based board of studies B.Sc- Data Science for affiliated College, Alagappa University	Subject Expert
2026-2029	Broad based board of studies B.Sc- Software for affiliated College, Alagappa University	Subject Expert
2026-2029	Broad based board of studies PG Diploma in Data Science for affiliated College, Alagappa University	Subject Expert
2026-2029	Broad based board of studies Msc Information Technology for affiliated College, Alagappa University	Subject Expert

Academic Bodies in Other Institutes / Universities

Year/Period	NameoftheBoS/AdministrativeCommittee / Academic Committee	Role
2019 - 2021	Board of Studies for M.Phil -(Computer Science)- Sri S.Ramasamy Naidu Memorial College,Sattur .	Subject Expert
2022-2023	Board of Studies for Computer Science - Thiagarajar College , Madurai	Subject Expert
2023-till Date	Board of Studies for M.Sc -(Computer Science)- Sri S.Ramasamy Naidu Memorial College,Sattur .	Subject Expert
2022-2025	Board of Studies for Department of Computer Application - JJ College of Arts and Science , Pudukoattai	Subject Expert
2023-2025	Board of Studies for Department of Computer Appllication -Yadava College for Women, Madurai	Subject Expert

2024-2026	Board of Studies for B.Sc -Data Science , B.Sc - Computer Science & M.Sc -(Computer Science) - Bon Secours College for women , Vilar Bypass, Thanjavur	Subject Expert
2025-2026	Board of Studies for Department of Computer Appllication -GTN College of Arts and Science, Dindigul	Subject Expert

Ph.D. Thesis Guided

1. No.of PhD Thesis evaluated : 2
2. No.of PhD Public Viva Voce Examination conducted : 2

S.No	Name of theScholar	Title of the Thesis	Year of Completion
1	**N.Ambiga**	Enhanced Biometric Authentication Using Artificial Intelligence Techniques	**2023**

List of Research Articles / Recent Publications

1. S Priyadharsini, A Nagarajan "Soft Computing Approaches for Signal and Medical image Integrity: From Tamper Detection to Fetal ECG Segregation" published in Journal of Intelligent Decision Making and Information Science Volume 3 (8s), 1248-1257, 2026 DOI : https://doi.org/10.59543/jidmis.v3.2186 **(Scopus Indexed)**
2. T. Manivannan, and A. Nagarajan "Binary Descriptor Based Multi-Class Object Categorization For Thyroid Nodule Image Analysis" published in International

Journal of Applied Mathematics, October 2025, ISSN: 1311-1728 (printed version); ISSN: 1314-8060 (on-line version),pp: 913-925 (Volume 38, Issue 58). **(Scopus indexed)**

3. Ambiga, N., & Nagarajan, A. (2022 September). "Enhanced Machine Learning Techniques For Elements In Human Tissue-Hair For The Determination of Biometrics" published in Journal of East China University Of Science And Technology, 65(issue 3), 957-965. http://hdlgdxxb.info/index.php/JE_CUST/article/view/340 (Scopus) , ISSN :1006-3080.
4. Ambiga, N., & Nagarajan, A. (2022 August). "Elemental analysis for human identification assisted by machine learning techniques" published in International Journal of Health Sciences, 6(S5), 11024–11041. https://doi.org/10.53730/ijhs.v6nS5.11832 (Scopus), ISSN :2550-6978
5. Ambiga N., Nagarajan A. "Detection Of Bio Elements Present In Human Biological Tissue-Tooth And Its Usage For Element Biometric Authentication" published in Malaysian Journal of Computer Science. DataAnalytics,HealthcareSystemsandFinTech, March 2022 pp : 19-29 Special Issue 1/2022 . ***DOI: https://doi.org/10.22452/mjcs.sp2022no1.2*** ***(SCI),*** ISSN 0127-9084
6. T. Manivannan, and A. Nagarajan "Segmentation Of Thyroid Images Using Backtracking Search Algorithm" published in Journal of Tianjin University Science and Technology, June 2021, ISSN: : 0493-2137, pp : 1-9 (Volume 54, Issue 7). **(Scopus indexed)**
7. Dr.A.Nagarajan and J. Vasanth Wason "Graph Cuts And Oriented Active Appearance Models Based Segmentation Using CT Scan Images For Early Diagnosis Of Lung Cancer" published in Turkish Journal of Physiotherapy and Rehabilitation, June 2021, ISSN 2651-4451 | e-ISSN 2651-446X,pp : 317-321 (Volume32, Issue 3). **(Scopus indexed)**
8. R. Sivagami and A. Nagarajan "Segregation of Sensitive Data in Cloud Storage" published in International Journal of Innovative Technology and Exploring

Engineering (IJITEE), Feb 2020, ISSN: 2278-3075, ,pp : 367-369 (Volume 9, Issue 4). **(Scopus indexed)**

9. T. Manivannan & Nagarajan Ayyappan "Classification of thyroid nodules using ultrasound images" published in bioinformation, Feb 2020, ISSN 0973-2063 (online) 0973-8894 (print),pp : 145-148 (Volume 16, Issue 2).**(Pubmed & WOS)**
   doi: 10.6026/97320630016145
10. M.Priya and Dr.A.Nagarajan "Automatic Detection and Classification of Lung Carcinoma using Image Processing Techniques in Lab VIEW" published in International Journal of Recent Technology and Engineering (IJRTE), Jan 2020, ISSN: 2277-3878, ,pp : 1216- 1219 (Volume 8, Issue 5). **(Scopus indexed)**
11. Dr.A.Nagarajan and J. Vasanth Wason "Machine Learning Approach to Predict Lung Cancer using CT scan Images" published in International Journal of Advanced Trends in Computer Science and Engineering, Dec 2019, ISSN 2278-3091 (online) ,pp : 2974- 2976 (Volume 8, Issue 6). **(Scopus indexed)**
12. Jeyaprakash Vasanth Wason & Ayyappan Nagarajan "Image processing techniques for analyzing CT scan images towards the early detection of lung cancer" published in bioinformation, Sep 2019, ISSN 0973-2063 (online) 0973-8894 (print),pp : 596-599 (Volume 15, Issue 8).**(Pubmed & WOS)**
13. A. Rajapriya and Dr.A. Nagarajan"Demonstrating Protein Analysis for cancer Disease using Approximation Algorithms" published in International Journal of Innovative Technology and Exploring Engineering (IJITEE), June 2019, ISSN: 2278-3075,pp :985- 987 (Volume 8, Issue 8).**(Scopus indexed)**
14. A. Rajapriya and Dr.A. Nagarajan"Classification of Mammogram Images Using Wave Atom and SVM" published in Journal of Applied Science and Computations, May 2019, ISSN: 1076-5131,pp :2246- 2249 (Volume 6, Issue 5)**.(UGC Approved - Journal** No **:41238)**
15. N. Ambiga and Dr.A. Nagarajan" A Survey of the elements in the human body and consideration of human bio monitoring for biometric authentication" published in

Journal of International Pharmaceutical Research, Jan 2019, ISSN: 1674-0440 ,E-ISSN: 0975-2366 ,pp 16-19(Volume 46, Issue 1).(**UGC Approved -Journal** No :**30323**) **(Scopus indexed)Impact factor:1.5**

16. R.Siddthan and Dr.**A.Nagarajan**" A Novel Security Analysis for Virtualized Infrastructure using Fuzzy Classification Approach in Cloud Computing" published in International Journal of Engineering and Technology (IJET), Aug-Sep 2018, ISSN (Print) : 2319-8613 ISSN (Online) : 0975-4024 pp 1148-1154(Volume 10 , Issue 4).
17. P. Latha Gowri and **Dr.A.Nagarajan** "An Efficient Adaptive Motion Estimation with Encoding for Video Compression in WSN" published in International Journal for Research in Engineering Application & Management (IJREAM), July 2018, ISSN :2454-9150,pp 479-484(Volume 4 , Issue 4).(**UGC Approved -Journal** No 64077) Impact factor:5.83
18. R.Siddthan and A.Nagarajan "An Analysis of Road Accidental Data Using Clustering and Itemset Mining Algorithms" published in International Journal of Data Mining Techniques and Applications, June 2018, ISSN :2278-2419,pp 130-138(Volume 7 , Issue 1).
19. M. Veena and Dr. A. Nagarajan "Effective Clustering Approach to Discover Outliers in Voluminous Database using Clustering Approach" published in International Journal of Scientific Research in Computer Science, Engineering and Information Technology, 2018, ISSN :2456-3307,pp 410-415(Volume 3 , Issue 5). **UGC Journal No : 64718**
20. S.Santhoshkumar, A.Nagarajan and J. Sasikala "Study and Analysis of Influential Node Tracking in Social Networks" published in International Research Journal of Engineering and Technology, may 2018 ISSN :2395-0056,pp 5013-5015 (Volume 4 , Issue 4).
21. T.Vinotha and **Dr.A.Nagarajan** "Automated Detection of Diabetic Retinopathy using Medical Image Processing Techniques" published in International Journal of Data

Mining Techniques and Applications, June 2018 ISSN : 2278-2419,pp 154-160 (Volume 7 , Issue 1). **IF: 0.39**

22. Bargana Benazir and **Dr.A.Nagarajan** "An Innovative System for Classifying Cervical Cancer Using Features Based ANFIS Classifier" published in International Journal of Data Mining Techniques and Applications, June 2018 ISSN : 2278-2419,pp 111-118 (Volume 7 , Issue 1). **IF: 0.39**
23. Bargana Benazir and **Dr.A.Nagarajan** "An Expert System for Predicting the Cervical Cancer using Data Mining" published in International Journal of Pure and Applied Mathematics, April 2018 ISSN : 1314-3395,pp 1971-1986 (Volume 118 , Issue 20). **(Scopus indexed)**
24. P. Latha Gowri and **Dr.A.Nagarajan** "A Novel Memory Bandwidth Efficient Video Compression Method in Wireless Video Sensor Network" published in International Journal of Pure and Applied Mathematics, April 2018 ISSN : 1314-3395,pp 1963-1968 (Volume 118 , Issue 20). **(Scopus indexed)**
25. S.Mohamed Azath Baik and **Dr.A.Nagarajan** "A New Fractal Image Compression technique using Genetic Algorithm" published in Journal of Environmental Science, Computer Science and Engineering & Technology, April 2018 ISSN : 2278–179X ,pp 138-144, (Volume 7 , Issue 2). (**UGC Approved Journal)**
26. A.Sakthivel and **Dr.A.Nagarajan** "Cancer Detection Methodology Using Fuzzy Based Classification Techniques" published in International Journal of Engineering Sciences & Research Technology, March 2018 ISSN :2277-9655,pp 727-733, (Volume 7 , Issue 3).
27. V. Raja Manickamand **Dr.A.Nagarajan** "Document Clustering for Effective Information Retrieval System using Genetic Algorithm" published in International Journal for Scientific Research & Development ,2017 ISSN (online): 2321-0613 ,pp 505-509, (Volume 5 , Issue 6).
28. H. RifayaBaswan and **Dr.A.Nagarajan** "Scheduling Algorithm Based Simulator for Resource Allocation Task in Cloud Computing" published in International Research

Journal of Engineering and Technology, July 2017, (ISSN: 2395-0072),pp 3129- 3132 (Volume 4, Issue 7).

29. N. Gayathri and **Dr.A.Nagarajan** "Public Auditing for Shared Cloud Data with Group User Revocation" published in International Journal of Engineering and Techniques, July 2017, (ISSN: 2395-1303),pp 73-80 (Volume 3, Issue 4).
30. N. Gayathri and **Dr.A.Nagarajan** "An Optimized Image with Digital Multimedia Files Hiding Audio, Video by Using DES Algorithm" published in International Journal for Modern Trends in Science and Technology, July 2017, (ISSN: 2455-3778),pp 355-360 (Volume 3, Issue 7).
31. P. Jothimani and **Dr.A.Nagarajan** "An Efficient Sequential Data Embedded Image Steganographic Approach" published in International Journal of Scientific Research in Computer Science, Engineering and Information Technology, July 2017, (ISSN:2456-3307),pp 34-38 (Volume 2, Issue 4).
32. H. RifayaBaswan and **Dr.A.Nagarajan** "A Survey on Dynamic and Priority based Server Allocation in Cloud Computing" published in International Journal Computer Science, Feb 2017, (ISSN:2348-6600),pp 1589-1596 (Volume 5, Issue 1).
33. N. Gayathri and **Dr.A.Nagarajan** "A Survey on Web Image Search Re-Ranking With Click Based Similarity" published in International Journal Computer Science, Feb 2017, (ISSN:2348-6600),pp 1572-1579 (Volume 5, Issue 1).
34. N. Gayathri and **Dr.A.Nagarajan** "A Survey on Joint Static and Dynamic Traffic Scheduling in Data Center Networks" published in International Journal Computer Science, Feb 2017, (ISSN:2348-6600),pp 1611-1617 (Volume 5, Issue 1).
35. Dr.V.Devendran and **Dr.A.Nagarajan** "A Preliminary Survey on Recognizing Clothing Styles of People for Intelligent Image Understanding " published in International Journal of Advanced Research Trends Engineering and Technology, April 2016, (ISSN:2394-3785),pp 285-290 (Volume 3, special Issue 20).
36. **Dr.A.Nagarajan** and Dr.V.Devendran " Scene based Approach for Horse Image Categorization using Support Vector Machines" published in International Journal of

Emerging Research in Management &Technology, July 2015 ,(ISSN: 2278-9359), pp 183-188 (Volume 4, Issue 7). (Approved by UGC)

37. **Dr.A.Nagarajan** and Dr.V.Devendran "An Enhanced Approach in Huffman Coding Scheme" published in International Journal of Advanced Research in Computer Science and Software Engineering, Nov 2014 ,(ISSN: 2277 - 128x), pp 642-646 (Volume 4, Issue 11). (Approved by UGC)
38. V.Devendran , **A.Nagarajan** & B.Babu "Hybrid Features Extraction Method for Natural Scenes Categorization using ANN and SVM Kernels" published in International Journal of Software and Hardware Research in Engineering, May 2014, (ISSN : 2347-4890), pp 60-70 (Volume 2, Issue 5).
39. **A. Nagarajan,** M. Rajinikannan, & N. Vallileka , "Contrast Improvement on Various Gray Scale Images Together With Gaussian Filter and Histogram Equalization" published in International Journal of Advanced Research in Computer Science & Technology (IJARCST), Oct-Dec 2013 , (ISSN : 2347-8446), pp 60-64 (Volume 1)
40. **A.Nagarajan,** and Dr.K.Alagarsamy, MCA, Ph.D., "Hard Nee Compressor Algorithm for Semantic Image Compression", published in International Journal of P2P Network Trends and Technology (IJP2PNTT) , August 2012 (ISSN : 2249-2615), pp 65 -70 (Volume 2 ,Issue No. 4)
41. **A.Nagarajan** and Dr.K. Alagarsamy, MCA, Ph.D., "Innovative Approach in Zero Tree Wavelet Method", published in International Journal of Computer Science and Information Security(IJCSIS) , February 2012(ISSN :1947-5500), pp 33 -38 .(Volume 10 ,Issue No. 2) **impact factor:0.423**
42. **A.Nagarajan** and Dr.K.Alagarsamy,MCA, Ph.D., "An Enhanced Approach in Run Length Encoding Scheme (EARLE)", published in International Journal of Engineering Trends and Technology (IJETT) , July 2011 (ISSN: 2231-5381), pp 43-47. (Volume 2 ,Issue No. 1)

43. **A.Nagarajan,** "An Analysis in Various Compression Algorithms", published in International Journal of Computer Trends and Technology (IJCTT), April 2011 (ISSN:2231-2803), pp 78-82. (Volume1,No. 1).

Resource persons in various capacities

National Conferences	:	25
InternationalConferences	:	24
Invited Lectures	:	8

Date : 19.11.2026



(Signature)

Place : Karaikudi

Name :Dr.A.Nagarajan

Designation: Assistant Professor & Head incharge