



Dr.A.Nagarajan
Assistant Professor

Contact

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Academic Qualifications: MCA., M.Phil., Ph.D.

Teaching Experience: 10.10 Years

Research Experience: 2.7 Years

Additional Responsibilities

1. Village Placement Programme Coordinator
2. II MCA Class Co ordinator
3. NAAC – Department Level Committee Member

Areas of Research

Image Processing

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	-	-
	M.Phil.	-	8
Project	PG	55	8

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
9	1	0	1	0

h-index : 1

Total Citations : 5

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: 02

1. Chaired a Paper presentation Session 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.
2. National Seminar on **Recent Developments In Computer Networks (NSRDCN- 2016)** held on November 7-8, 2016 as a Co-ordinator

Events Participated

Conferences / Seminars / Workshops:

1. Conferences - 1

- a. Presented a Paper "A Preliminary Survey on Recognizing Clothing Styles of People for Intelligent Image Understanding " in the International Conference on Innovations in Computer Science & Technology (ICICST2016), by the Department of Computer Science and Engineering ,Alagappa University ,Karaikudi on April 4th -5th ,2016.

2. Seminars -5

- a. Presented a Paper "Brain Tumor Segmentation using Evolutionary Programming Approach " in the National Seminar on Advances in Computer Science (NSACS 2016), by the Department of Computer Science Alagappa University , Karaikudi on October 21st and 22nd , 2016 .
- b. Participated a Two days National Seminar on Recent Developments in Computer Networks , Department of Computer Applications , Alagappa University , Karaikudi during November 7th and 8th ,2016
- c. Participated a One day National Seminar on Intelligent Data Engineering , Department of Computer science and Engineering , PSNA College of Engineering and Technology , Dindigul during 11th February 2015.
- d. Participated a One day Seminar on Ethical Hacking , Department of Computer Applications , PSNA College of Engineering and Technology , Dindigul during 14th August 2014.
- e. Participated a One day Seminar on WebServices Architecture, Department of Computer Applications, PSNA College of Engineering and Technology, Dindigul during 6th September 2013.

3. Workshops - 4

- a. Attended a Computer Society of India Sponsored one day workshop on Middleware Technologies, Department of Computer Science and Engineering, PSNA College of Engineering and Technology, Dindigul, during 3rd September 2011.

- b. Attended a Computer Society of India Sponsored Two days workshop on Free Open Source Software and ITS Applications in Research and Development, Department of Computer Science and Engineering, PSNA College of Engineering and Technology, Dindigul, during 11th and 12th September 2013.
- c. Attended a Two days workshop on Rf system Level and EM simulation Training using Agilent's system vue & EMpro conducted by Agilent Technologies Limited, Chennai PSNA College of Engineering and Technology, Dindigul on 18th and 19th July 2014.
- d. Attended a Two days International workshop on Data Science and Analytics, Department of Computer Science, Alagappa University, Karaikudi during September 27th and 28th, 2016
- e. Attended a Two days International Workshop on E-Content Development, Alagappa University College of Education, Alagappa University, Karaikudi during January 6th and 7th, 2017.

Other Training Programs -5

1. Attended a Five days AICTE –ISTE Sponsored Short-term Training Programme on Advanced Database Technology, Department of Computer Applications, PSNA College of Engineering and Technology, Dindigul, during 26th to 30th March 2007.
2. Participated a 12 days Faculty Development Programme on Entrepreneurship, organized by Entrepreneurship Development Cell, PSNA College of Engineering and Technology, Dindigul during 27th December to 07th January 2011.
3. Attended a Two days Anna University of Technology Madurai Sponsored Faculty Development Programme on Research Challenges in Data Mining and Data Warehousing, Department of Computer Applications, PSNA College of Engineering and Technology, Dindigul, during 28th and 29th April 2011.
4. Participated a 12 days AICTE Sponsored Staff Development Programme on Ad-Hoc Networks and its Applications, organized by Department of Computer

Science and Engineering, PSNA College of Engineering and Technology, Dindigul, during 28th May to 8th June 2012.

5. Participated a 5 days Faculty Development Programme on Entrepreneurship, organized by Entrepreneurship Development Cell, PSNA College of Engineering and Technology, Dindigul, during 16th To 20th February 2015.

Membership in

Professional Bodies

1. Life Member: Indian Society for Technical Education (ISTE) – LM57199 – Year 2008

Others

1. Admission Related Activity – MCA (R) & (WE) , M.Phil - Member
2. NAAC –Work - Member
3. University Representative for DDE Examinations May2016
4. Hall Superintend for May2016 and Nov 2016 University Examinations
5. Examiner for May2016 and Nov 2016 University Examination Paper Valuation

Resource persons in various capacities

Number of Invited / Special Lectures delivered: 06

Recent Publications

1. **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)
2. **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)

3. **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)
4. **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)
5. **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)
6. **A.Nagarajan**,V.Devendran & 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).
7. **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).
8. **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).
9. **Dr.A.Nagarajan** and Dr.V.Devendran “A Preliminary Survey on Recognizing Clothing Styles of People for Intelligent Image Understanding ” published in International Journal of Advanced Research Trends and Technology, April 2016, (ISSN:2394-3785),pp 285-290 (Volume 3, special Issue 20).