CURRICULUM VITAE

1.	Name in Full	:	Dr. S. Nagarajan
2.	Father's Name	:	T.S.Sankaran
3.	Date of Birth	:	18-05-1972
4.	Nationality	:	Indian
5.	Present Official Address	:	Assistant Professor, Department of Computer Science and Engineering, Faculty of Engineering and Technology, Annamalai University, Annamalainagar- 608 002.
6.	Religion	:	Hindu
7.	Caste	:	Sozhia Vellalar
8.	Gender	:	Male
9.	Marital Status	:	Married
	E-mail id	:	naga72.aucse@gmail.com
	Contact No. (Resi)	:	04144 -228866
	Mobile	:	97870 59966
8.	Residential Address:		28, First Floor, V.K.A.Nagar, Ammapet, Chidambaram - 608401. Cuddalore District, Tamilnadu India.

9. **Details of Education in Chronological Order:**

Degree	Discipline	University	Class Obtained	Year of Passing
B.E.	Electronics & Commn.Engg.	Bharathidasan	First	1994
M.B.A.	Personnel Management	Madurai Kamaraj	Second Class	2002
M.E.	Computer Sci.& Engg.	Annamalai	First Class with Distinction	2005
Ph.D.	Computer Sci.& Engg.	Annamalai	---	2016

10. **Professional Experience in Chronological order up to the Present Post**

Organization	From	To	Designation
Mookambigai College of Engineering	05-07-1995	30-06-2000	Lecturer in ECE Dept.
Mookambigai College of Engineering	05-12-2001	22-02-2002	Lecturer in ECE Dept.
Annamalai University	01-07-2002	31-12-2005	Lecturer in the Dept. of CSE, FEAT
Annamalai University	01-01-2006	Till Date	Assistant Professor in the Dept. of CSE, FEAT

11. **Teaching Experience (as on 01.01.2017) :** 20 Years

Under-graduate Courses	:	20 Years
Post-Graduate Courses	:	12 Years

12. **Industrial Experience :**
1 year – Worked as Management Trainee at Simco Engineering Ltd., Trichy from 01.07.1994 to 04.07.1995 in the Defence Purchase Department dealing with so many Electro mechanical projects.

13. **SDP/SEMINARS/WORKSHOPS ORGANIZED**
Organized a National Level Students Technical Symposium "LOGICA'99" on 5th & 6th Feb, 1999 at Mookambigai College of Engg., Kalamavur as a Convenor.

14. **PROFESSIONAL AFFILIATION (Membership in Academic/Technical Bodies)**

Life Member in CSI (Membership No. 00113218)
Member in CSTA (Membership No.6815847)
Member in IAENG (Membership No.132582)
Senior member in UACEE (Membership No.SNM101000622)

15. **SHORT-TERM TRAINING PROGRAMMES/SUMMER/WINTER SCHOOLS ATTENDED**

(A)	Title of the Programme	Refresher Course in Computer Science
	Period of the Programme	03.12.2009 to 23.12.2009
	Organized by	Bharathiar University, Coimbatore

(B)	Title of the Programme	Refresher Course in Computer Science
	Period of the Programme	15.09.2010 to 05.10.2010

	Organized by	Bharathiar University, Coimbatore
(C)	Title of the Programme	AICTE Sponsored Staff Development Programme on "E-Learning and Web Services".
	Period of the Programme	14.05.2012 to 27.05.2012.
	Organized by	Department of Computer Applications, Dr.Mahalingam ollege of Engineering & Technology, Pollachi.
(D)	Title of the Programme	AICTE Sponsored Faculty Development Programme on "Eco Systems & Green Computing in IT"
	Period of the Programme	15.05.2013 to 29.05.2013.
	Organized by	Department of IT, A.V.C. College of Engineering, Mannampandhal, Mayiladuthurai.

16. **CONFERENCES/SEMINARS/SYMPOSIA/ WORKSHOPS ATTENDED**

(A)	Title of the Programme	University Sponsored Prof.K.S.Sonachalam Memorial XXII Inter-Disciplinary Research Methodology workshop
	Period of the Programme	March 2 -5, 2012
	Organized by	Department of Economics, Annamalai University
(B)	Title of the Programme	National Research Methodology Workshop on Speech and Image Processing
	Period of the Programme	17.03.2012
	Organized by	Department of Computer Science & Engineering, Annamalai University.

17. **ANY OTHER RELEVANT INFORMATION ON ACADEMIC CAREER:**

Title of M.E. Thesis:	Steganalysis
Guide:	Mr. S. Pasupathy, Associate Professor, Dept. of CSE
Title of Ph.D thesis:	Video Based Hand Gesture Recognition for Hearing Impaired
Research Guide:	Dr.T.S.Subashini, Associate Professor, Dept. of CSE

18.	**SUBJECTS TAUGHT :**	
	Under-graduate Programme	**Post-graduate Programme**
	Principles of Communication Engineering	Network Security
		Problem Solving Techniques using C
	Microprocessors	Advanced DBMS
	Digital Logic Design	Embedded Systems
	Data Communication and Networks	Digital Image Processing
		Security in Computing
	Electronic Devices & Circuits	Optical & Satellite Communication

19. **RESEARCH AREAS OF INTEREST:**
   Computer Vision
   Human- Computer Interaction (HCI)
   Image Processing and Pattern Recognition

20. **RESEARCH GUIDANCE**
   Please Refer APPENDIX - I

21. **RESEARCH PUBLICATIONS**
   Please Refer APPENDIX - II

22. **LIST OF REFEREES**

	Name with full Official address	**Telephone/Mobile/Fax /Email ID**
(A)	Dr. D.Gnanadurai Principal, J.P.College of Engineering, Ayikudi, Thenkasi, Thirunelveli - 627852.	j_dgd@yahoo.com
(B)	Dr.A.Allirani Principal, S.R.S. college of Engineering & Technology, Kuppanur, Salem- 636122.	allirani2004@gmail.com

This is to certify that the information furnished above is true to the best of my knowledge.

Date: 19.01.2017
Place: Annamalainagar

(S.NAGARAJAN)

APPENDIX - I
RESEARCH GUIDANCE

POST-GRADUATE THESES (M.E) GUIDED

S.No.	Name of Student	Title of Thesis	Year of Award
1	Manikandan.K	New Morphology based Robust Car plate detection and Recognition	2012
2	Dinesh Kumar.R	A New approach for Image Segmentation based on Watershed method	2012
3.	Ananthakumar.A	Virtual Mouse using Hand Gestures	2013
4.	Paramanandham.M	Character Recognition from Static Hand Gestures	2013
5.	Sathiyaraj.S	Video Based Segmentation and Recognition of Indian Sign Language Numbers using Thinning Method	2013
6.	Chitra.P	Dynamic Hand Gesture Recognition using Centroid and DCT Features	2014
7.	Aswathy V.Thankachan	Fingerspelling Based PIN Code Recognition from Video Sequences using Boolean Logic and Binary SVM	2014
8.	Sivaramkumar.A	Tamil Sign Language Recognition using Diagonal Feature Extraction and SVM	2015
9.	Sivaji.A	Tamil Sign Language Recognition using Combined DCT-DWT features	2015
10.	Selvanayaki.A	Real Time Hand Gesture Recognition for Human Computer Interaction	2016

Ph.D. GUIDANCE

S. No.	Name of Candidate	Topic of Doctoral Research
--------- NIL ----------		

REVIEWER/BOARD MEMBER IN INTERNATIONAL JOURNALS:

S.No.	Name of the Journal	Nature of the job	EXP
1	IJETT (Int.Journal of Engineering Trends and Technology)	Editorial board member	Since 2014

APPENDIX - II
List of Research Publications

International Journals

1. S.Nagarajan, T.S.Subashini, and V.Ramalingam, "Vision Based Real Time Finger Counter for Hand Gesture Recognition," International Journal of Technology, Vol.2, No.2, pp.1-5, December 2012.

2. S.Nagarajan and T.S.Subashini, "Static Hand Gesture Recognition for Sign Language Alphabets using Edge Oriented Histogram and Multiclass SVM," International Journal of Computer Applications, Vol.82, No.4, pp.28-35, November 2013.

3. S.Nagarajan and T.S.Subashini, "Signer Independent Static Tamil Sign Language Recognition System using SVM", International Journal of Applied Engineering Research, Vol.9, No.20, pp.4740 - 4744, December 2014.

4. S.Nagarajan and T.S.Subashini, "Vision Based Recognition of American Sign Language Numbers using Combined DCT-DWT Features and Machine Learning," Advances in Natural and Applied Sciences, Vol.9, No.6, pp.167-173, January 2015.

5. S.Nagarajan, T.S.Subashini, M.Balasubramanian, "Visual Interpretation of ASL Fingerspelling using Hough Transform and Support Vector Machine," International Journal of Advanced Research in Computer and Communication Engineering, Vol.4, No.6, pp.411 - 418, June 2015.

6. S.Nagarajan and T.S.Subashini, "Image Based Hand Gesture Recognition using Statistical Features and Soft Computing Techniques," International Journal of Emerging Technology and Advanced Engineering, Vol.5, No.7, pp.476-482, July 2015.

International Conferences

1. A.Ananthakumar, S.Nagarajan "Hand Gesture based Navigation of Windows Applications for Hearing Impaired" in Second International Conference on Emerging Marvels in Information and Computer Science Engineering, Maria College of Engineering and Technology, Kanyakumari, pp.246-247, February 15-16, 2013.

2. S. Nagarajan and T.S.Subashini, "Weighted Euclidean Distance Based Sign Language Recognition using Shape Features," in Springer International Conference on Artificial Intelligence and Evolutionary Algorithms in Engineering Systems (ICAEES), pp. 142-143, April 22-23, 2014.

National Conferences

1. S. Nagarajan, T.S.Subashini, "Vision Based Recognition of American Sign Language Numbers using Combined DCT-DWT features and Machine Learning", in National Conference on Intelligent Computing (NCIC'15) organized by Pondicherry Engineering College, Pondicherry, January 30, 2015.

2. S. Nagarajan, T.S.Subashini, A.Selvanayaki, "Vision Based Real Time Indian Sign Language Recognition for Hearing Impaired using Image Processing Techniques", in National Conference on Multimedia Signal Processing and Applications organized by Dept. of CSE, Annamalai University, February 12-13, 2016.

3. S. Nagarajan, T.S.Subashini, R.Vijaylakshmi, "A Novel Zoning Based Feature Extraction Technique for Tamil Sign Language Recognition System", in National Conference on Multimedia Signal Processing and Applications organized by Dept. of CSE, Annamalai University, February 12-13, 2016.

Book Chapters

1. S. Nagarajan and T.S.Subashini, "Weighted Euclidean Distance Based Sign Language Recognition using Shape Features," in Advances in Intelligent Systems and Computing (AISC), Springer Series, Vol.325, pp.149-156, 2015. ISBN:978-81-322-2135-7.