

BIODATA

1. NAME: : Dr. S.NaganandiniSujatha
2. QUALIFICATION :M.C.A.,M.Phil.,P.hd.,
3. DESIGNATION &DEPARTMENT : ASSISTANT PROFESSOR
4. AGE & DATE OF BIRTH : 50 years, 13 / 06/ 1969
5. SEX : FEMALE
6. PERMANENT ADDRESS : 38, Veeramudaiyaan 4th Cross Street
Avaniyapuram Main Road
Muthuppatti
Madurai - 625003
Tamilnadu,India
7. ADDRESS FOR COMMUNICATION : 38, Veeramudaiyaan 4th Cross Street
Avaniyapuram Main Road
Muthuppatti
Madurai - 625003
Tamilnadu,India

8. EDUCATIONAL QUALIFICATION

S.NO	COURSES	SUBJECT	YEAR OF COMPLETION	INSTITUION
1.	Ph.D	Digital image Processing	2005 – 2010 Thesis submitted in Jul 2010	Mother Terasawomens University, Kodaikanal
2.	M.Phil	Applications.- GUI for Novel	2000 – 2002	Mother Terasawomens University , Kodaikanal

		Netware LAN network		
3.	M.C.A	Computer Applications	1990 – 1993	Alagappa university Karaikudi
4.	B.Sc	Physics	1987-1990	Sri MeenakshiGovt college for women, Madurai

9. Research Work /Experience: 26Yrs/14Yrs

10. Recognized Research guide : **Registered Guide for PhD program in
Barathiar University , Coimbatore
Guide –ID : COS –GU 3381.**

11. Area of Specialization : DIGITAL IMAGE PROCESSING.

12. TEACHING EXPERIENCE

Name of the Company /Institution	Designation	Period	NO OF YEARS
Sri Meenakshi Govt arts college for women(A) madurai	Assistant professor	12-9-2018 - Till now	1Yrs
Government Arts college for Women, Nilakottai	Assistant professor	29-7-2015 - 12-9-2018	3Yrs
K.L.N. College of Engg. Pottapalayam	Associate professor	01/07/2010 – 27-7- 2015	10Yrs
K.L.N. College of Engg. Pottapalayam	Assistant professor	01/05/2009 to 30/06/2010	
K.L.N. College of Engg. Pottapalayam	Senior Lecturer	15/09/2005 to 30/04/2009	
Sethu Institute of Technology	Seniour Lecturer	13-11-2000 to 14-9-20005	5Yrs
N.M.S.S.Vellaichamy Nadar College	Head of the Dept	15-7-1998 to 15-7-2000	7Yrs
N.M.S.S.Vellaichamy Nadar College	Lecturer	15-7-1993 to 15-7-1998	

TOTAL TEACHING EXP : 26 Yrs

13. ORIENTATION/REFRESHER COURSES/OTHER PROGRAMMES & TRAINING

S.NO	NAME OF THE COURSE	TOPIC	PLACE	PERIOD
1.	Orientation	General	Madurai kamaraj University , Madurai	May – June 2016
2.	Refresher	Computer Science	Bharathiar University , Coimbatore	Feb 2018

14. INTERNATIONAL PUBLICATIONS:

Title of the paper	Name of the Conference	Year of publication	Venue
Single image fog removal using COIN filters	IEEE ICCIC 2014	2014 Dec	Park Institute of Technology, Coimbatore.
Raindrop detection and removal using K-Means clustering	IEEE International Conference on Computational Intelligence and Computing Research	2015 Dec	Vikaram college of Engg and Tech , Anathi, Sivagangai
Blur Removal using Blind Deconvolution and Gradient Energy	National Seminar on Cyber Security	2016 Dec	Agni College of Engg , Chennai

Single Image Dehazing using Color Correction and Fusion Technology	The International conference ICCIC	Dec 2017	Tamil Nadu College of Engg , Coimbatore
An improved Attenuation Detection in Fog Removal	Big data analytics and intelligent technologies	Jan 2018	M.K.University Madurai

15. NATIONAL PUBLICATIONS -

S. No	Conference	Title	Place	Period
1	Hi Tech trends in emerging Computational Technologies	'Network Security	SIT Madurai	Sep 2004
2	IT Applications for Rural Development and HealthCare	IT for Rural development"	Kongu Engg college, Perunthurai	Mar 2005
3	Knowledge Management & Data Mining	Analysis of foreground and background detection for segmentation	P.S.N.A Dindigul	Apr 2006
4	-	Image segmentation using spectral histogram and GVF	St Xavious college of engg	Apr 2007
5	NCVESCO	Automatic Object Extraction and classification using gradient vector and histogram clustering,	K.L.N.C.E Pottapalayam	2009
6		Image segmentation using parametric active contour model	Athiparasakt hi college of engg	May 2011
7	RISES '13	Students Performance Appraisal System- Fuzzy Approach "	T.C.E Madurai	Aug 2013

16. STATE LEVEL PUBLICATIONS -

S.No	Title of the paper/Book/Topic	Conference/Journal	Date	Level	Venue/Publisher
1	உழவும் நெசவும் அண்ணலின் பார்வையில்	Book published	Oct 5 2018	Book	Sri Meenakshi college govt arts college for women(A), madurai

17. REVIEWER FOR INTERNATIONAL/NATIONAL.STATE LEVEL CONFERENCES

18. CHAIR PERSON FOR INTERNATIONAL/NATIONAL/STATE CONFERENCES

S. No	Conference	Title	Place
1	IEEE ICCIC2015 International Conference	Session chair	Dec 2015 Vickram College of Engg
2	IEEE ICCIC2016 International Conference	Session chair	Dec 2016 Agni College of engg , Chennai
3	National Seminar	Session Chair	From 2016-2019 Madurai SivakasiNadars Pioneer Meenakshi Women's College, Poovanthi

19. INVITED TALKS DELIVERED INTERNATIONAL/ NATIONAL / STATE LEVEL CONFERENCES - Nil

20. BOOKS PUBLISHED - Nil

21. TECHNICAL TALKS DELIVERED

S. No	Resource Person	Title	Place
1.		Neural Network in Character recognition”	Mother Teresa womens University, Feb 2016
2.		Image Processing Applications	Cardamam Association College ,Bodinayakkano or on Nov 2016.
3.		Matlab programming –Workshop- Hands On	Dhiraviyam College of Arts and Science, Jul 2017
4.		Image processing APPLICATION – USING MATLAB	Govt Arts College for Women, Nilakottai, Aug 2018

22. SEMINAR/ SYMPOSIA / WORKSHOP ATTENDED

Course Area	Year	Institution
Personality Development Program	2003	Millenium Sethu Institute of Technology,
Rational Rose UML CASE Tools	2003	IBM –orientation program Sethu Institute of Technology
IBM Main frame	2005	Orientation program

		Sethu Institute of Technology
IBM –DB2 certification	2005	K.L.N.College of Engg
Image processing Applications-Work shop	2005	PSNA Dindigul
Grid computing in Mathematica-software	2007	Manonmaniam Sundaranar University, Thirunelveli
Image processing with IDL software	Sep 2007	Kamaraj college of Engg and tech, Virudhunagar
IDL programming for Image processing	Oct 2009	Kamaraj college of Engg and tech, Virudhunagar
InfoSys Campus Connect Certification Program	Nov 2014	K.L.N.College of Engg
Research Issues in Image processing	March 2017	MEPCO Schlenk Engg college, Sivakasi.

23. SEMINAR/ SYMPOSIA / WORKSHOP CONDUCTED

S NO	NAME & LEVEL OF THE PROGRAMME	TITLE	PLACE	PERIOD
1	State Level Work shop	Image processing APPLICATION – USING MATLAB	Govt Arts College for Women, Nilakottai,	Aug 2018

24. GUIDANCE FOR M.Phil

Name of the Staff and college	Title of the Dissertation	University	Year of completion
Ms K.karthiga Rani , lecturer ,Sermathai vasan college	Image Compression Analysis	M.K.University	May 2005

Madurai			
Mr P.Selvam ,Lecturer, S.Vellaichamy Nadar college, Madurai	Image compression on two tone image	M.S.University	June 2006
Mrs Hemalatha Pandian Lecturer ,portplare Anthaman	Web Browser designing for shipping company	M.S.University	May 2006
Ms Sangeetha , M.P.Sivakasi nadar collge for women,Poovanthi	Compression of Image using Histogram	M.K..University	Jun 2009
Mrs R.Malar vizhi S.Vellaichamy nadar college, Madurai	Tumor detection in mammogram image	Mother Terasa Womens University Kodaikanal	Jun 2009
Ms. Kavitha Mannar Thurumalai Noikker college	Image segmentation Analysis	M.K.University	Apr 2011
Ms.K.K.Kavithini M.E (Electronics and communication) student K.L.N.C.E	Image segmentation using spectral histogram and GVF'	Anna University	June 2007
Ms S.S.sarmila M.E (Comp Sc) - MCBS	Image segmentation using parametric active contour model for Pancreatic Cancer Images	Anna University Trichy	July 2012
Ms Pandima Devi	Network applications	Madurai kamaraj University	Dec 2013

25. GUIDANCE FOR Ph.D UNDER MADURAI KAMARAJ UNIVERSITY, MADURAI

- NIL

26. OTHER RESPONSIBILITIES HOLD IN SERVICE (CURRENT/ PREVIOUS)

27. OTHER RESPONSIBILITIES HOLD IN OTHER INSTITUTIONS

S.NO	NAME OF THE SERVICES/COMMITE	PLACE	PERIOD
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1.	Advisory Board Member -MCA	N.M.S.V.N.College, Nagamalai	2010-2012
2.	Board of studies member	N.M.S.V.N.College, Nagamalai	2010-2012
3.	Journal –editor member	Madurai SivakasiNadars Pioneer Meenakshi Women’s College, Poovanthi	2016-2019

28. AWARDS/MEDALS RECEIVED

29. MEMBERS IN PROFESSIONAL BODIES

1. Life member in **Indian Society for Technical Education (ISTE)** from the year 2001.
2. Annual member of IEEE for the years 2007, 2008, 2009 and 2010.

30. RESEARCH PROJECTS

1. Proposal submission to DRDO to get **Research Funded project**

A project proposal has been prepared for DRDO with the team work of Dr A.V.RamPrasad as a Principal Investigator and S. Naga Nandini Sujatha and Mr. Satheesh kannan as a co Investigators.

2. Proposal submission to DST to get **Research Funded project**

A project proposal has been prepared for DST with the team work of Dr A.V. RamPrasad as a Principal Investigator and S. Naga Nandini Sujatha and Mr. Satheesh kannan as a co Investigators.

3. **Consultancy** work of **Rs 20,000/-** carried out for the medical agency automation (Ashtanga Vaithiya salai, Thirunagar, Madurai) by our final year students.