



**Dr. G. SHANTHI**  
**SYSTEM ANALYST**

**Contact**

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**Academic Qualifications**

<b>Degree</b>	<b>Institution</b>	<b>Year</b>	<b>Branch</b>	<b>Class</b>
P.hD	Bharathiar University, Coimbatore	2018	Computer Science	-
M.Phil	Madurai Kamaraj University, Madurai	2008	Computer Science	I
MCA	Bharathidasan University, Tiruchirappalli	2001	Computer Applications	I
B.Sc	Govt. Arts College for Women, Ramanathapuram	1998	Computer Science	I

## Teaching Experience

Total Teaching Experience : 15 Years

Position	Institution	Duration
Head of Department and Assistant Professor	Ananda College, Devakottai	2004-2016
Lecturer	Sathak Institute of Technology, Ramanathapuram	2001-2002
Faculty (Part Time)	NIIT	1999-2000

## Research Experience

Total Research Experience : 5 Years

Position	Institution / University	Duration
HOD PG Department Information Technology	Ananda College	2011-2016

## Areas of Research

- Mobile Ad Hoc Network
- Network Security
- Machine Learning

## Research Supervision / Guidance

Program of Study		Completed	Ongoing
Project	PG	75	07
	UG / Others	90	--

## Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
4	6	-	4	--

**Cumulative Impact Factor (as per JCR) :**  
**h-index :** 1  
**i10 index :** -  
**Total Citations :** 4

## Distinctive Achievements / Awards

- Appreciation Award by Alagappa University

## Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized:

Position	Programme	Duration	Institution
Event coordinator	Hands-on training in Computer Networks and R programming	31-01-2018 to 01-02-2018	Dept of Computer Applications Alagappa University

## Events Participated

Event coordinator	Training Programme On Mobile Apps	4 <sup>th</sup> and 5 <sup>th</sup> April, 2019	Dept of Computer Applications Alagappa University
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Number of Conferences / Seminars / Workshops: 15

## Membership

### Professional Bodies

1. Reviewer of International Journal of Creative Research Thoughts IJCRT (www.ijcrt.org) ISSN: 2320-2882 Member ID : 118865IJCRT RMS

### Organizing committee

2. International Conference on Computational Intelligence and Applications (ICCIA-2019), Department of Computational Logistics, Alagappa University, Karaikudi on 8th and 9th August 2019.
3. Webinar Lecture Series under RUSA Phase 2.0, Department of Computer Applications, Alagappa University during 27.05.2020 to 01.06.2020
4. National Seminar on Technology Trends in Digital World, Department of Computer Applications, Alagappa University, Karaikudi on 11th April 2022.

## List of Research Articles / Recent Publications

S. No	Authors/Title of the paper/Journal	Impact Factor
1.	Govindan Shanthi, Meenakshi Sundaram Ganaga Durga <b>Cognitive-based routing model with identity-based cryptography in MANET</b> International Journal of Mobile Network Design and Innovation, Vol. 8, No. 4, 2018 page(s) 207-214, DOI 10. 1504/IJMNDI.2018.095229 <b>(Scopus Indexed Free Journal)</b>	0.23
2.	G. Shanthi, M. Ganaga Durga <b>Secure and Trusted Optimal Routing Model Using Fruit Fly Optimization for Cognitive Radio Based MANET</b> , International Journal of Pure and Applied Mathematics Vol. 118 No. 7 2018, page(s) 605-614 ISSN: 1311- 8080 (printed version); ISSN: 1314-3395 (on-line version) <b>(Scopus Indexed)</b>	0.7
3.	G.Shanthi et al, <b>Key Optimization Technique in Mobile Ad-Hoc Networks</b> International Journal of Advanced Research in Computer Science, Vol. 9, No. 2, March-April 2018, page(s) 446-451DOI: <a href="http://dx.doi.org/10.26483/ijarcs.v9i2.5779">http://dx.doi.org/ 10.26483/ ijarcs .v9i2. 5779</a> ISSN No. 0976-5697 <b>(UGC Approved Journal)</b>	1.7
4.	G. Shanthi, M. Ganaga Durga <b>A Study of Security Challenges in Mobile Ad hoc Networks</b> International Journal of Engineering Research & Technology (IJERT) Vol. 3, No. 33 Published by, <a href="http://www.ijert.org">www.ijert.org</a> Special Issue – 2015, ISSN: 2278-0181.	0.50

## Resource persons in various capacities

National Conferences	:	2
International Conferences	:	1
Invited Lectures	:	5

### Resource Person

1. Webinar Lecture Series under RUSA Phase 2.0, Department of Computer Applications, Alagappa University during 27.05.2020 to 01.06.2020
2. Workshop on Stepping into Research, PG Department of Computer Science, Dr. Umayal Ramanathan College for Women, Karaikudi on 9<sup>th</sup> Feb 2023.
3. Chief Guest of 19<sup>th</sup> Annual Day Celebration, Ananda College, Devakottai on 17<sup>th</sup> March 2023

Date : 5.3.2024  
Place : Karaikudi

(Signature)

*Shanthi G*

Dr. G. Shanthi  
System Programmer