



**Dr. V. Palanisamy**  
**Professor and Head**

### Contact

Address : Department of Computer Applications  
Science Campus,  
Alagappa University,  
Karaikudi – 630 003  
Tamil Nadu, India.

Employee Number : 13406  
Date of Birth : 05-04-1966  
Contact Phone (Office) : +91 4565 227831  
Contact Phone (Mobile) : +91 9443443383  
Contact e-mail(s) : vpazhanisamy@yahoo.co.in

**Academic Qualification: M.C.A., M.Tech., Ph.D.**

**Teaching Experience: 26 Years**

**Research Experience: 21 Years**

### Additional Responsibilities

1. Senate Member– Alagappa University.
2. Head of the Department, Department of computer Applications
3. Dean, students Affairs, Alagappa University.
4. Students Admission Committee member– Alagappa University, Karaikudi .
5. Chairman – Department Research Committee.
6. Chairman-MCA Admission Interview Committee .
7. Alagappa University Alumni Association Member.
8. Chairman- Board of Studies

### Areas of Research

1. Network Security
2. Data mining
3. Ad-Hoc Networks
4. Biometrics
5. Algorithms

### Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	7	6
	M.Phil.	27	4
Project	PG	200	6

### Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
44	27	5	10	1

<b>Cumulative Impact Factor (as per JCR) :</b>	<b>2.02</b>
<b>h-index</b>	<b>06</b>
<b>I-10 index</b>	<b>5</b>
<b>Total Citations</b>	<b>165</b>

### Funded Research Projects

#### Completed Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	NTRO New Delhi	July 2007	Aug 2012	Collaborative Directed Basic Research in Smart and Secure Environment	100

## On-going Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	UGC-Research Award	2015	2017	Biometric Based security in E-Voting	39,00,000

## Others

1. Advisory Committee member in the National conference on Recent Advancements in Software Development (NCRASD-2015) organized by Skill Development centre, Alagappa University, Karaikudi under the B.Voc grant sanctioned by UGC. New Delhi, March 23, 2015.
2. Advisory Committee member in the National conference on Emerging Trends in Software Development (NCETSD-2016), Alagappa Institute of Skill Development, Alagappa University, Karaikudi, March 24<sup>th</sup>, 2016.
3. Convenor in the International Conference on Innovations in Computer Science and Technology (ICICST 2016) Department of Computer Science and Engineering, Alagappa University, Karaikudi, April 4<sup>th</sup> -5<sup>th</sup>, 2016.
4. ChairPerson in National conference on E-Commerce: Challenges & Opportunities in Global Scenario, Madurai Sivakasi Nadars Pioneer Meenakshi for Women's College, Sivaganga. 5<sup>th</sup> February -2016.
5. Advisory Committee member in the International Conference on Communication and Security, (ICCS 2016) Department of Electronics & Communication Engineering Pondicherry Engineering College, Puducherry, March 17<sup>th</sup> and 18<sup>th</sup> -2016.

**Note: Budget must be rounded to two decimal places**

## Distinctive Achievements / Awards

1. UGC-Research Award
2. Prof. M. N. Gopalan Award for Best Thesis presentation in the area of Operations Research. ICORAID-2005-ORSI, Indian Institute of Science, Bangalore, India, 2005.

## Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events attended	: 27
Number of Seminars organized	: 02
Number of Events organized	: 07
Number of Invited / Special Lectures delivered	: 03
Number of Books / Chapters / Monographs / Manuals written	: 01

## Events Participated

### Conferences / Seminars / Workshops:

1. National Seminar Organized by Dept. of. Computer Science
2. International Workshops Organized by Dept. of. Computer Science

### Other Training Programs

1. Faculty Development Programme for the Teachers

## Overseas Exposure / Visits

1. Singapore
2. Malasiya

## Membership in

### Professional Bodies

1. Alagappa University MCA (Regular), MCA(WE), MSc(CS) , MPhil Programmes, Chairman
2. Alagappa University MSc(Computer Science) Programme, Affiliated colleges, Member
3. Alagappa University Five Year integrated M.Sc (Software Engineering) DDE- Member cum coordinator.
4. Alagappa Chettiar College of Engineering and Technology, Karaikudi-4 an Autonomous institution affiliated to Anna University, Trichy for U.G and P.G courses.
5. Alagappa University (Affiliated Colleges), Karaikudi for U.G courses (BCA,B.Sc (IT)).
6. S.N.R and Sons College, Coimbatore for computer science P.G courses
7. Alagappa University M.Sc. (Computer Science & IT) Programme, Affiliated colleges, Chairman
8. Alagappa University M.Sc. (IT) Programme, Affiliated colleges, Chairman

## Editorial Board

1. Reviewer, ICTACT Journal on Image and Video Processing (IJIVP) Publisher: ICT Academy of Tamil Nadu.
2. Reviewer, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Publisher: ACE Publishers.

## Others

1. Conducted young scientist Programme for school students of Sivagana Dt–May 1998.
2. Conducted Computer Literacy Programme for police personal of Sivagana Dt. Aug. & Sep. 2003.
3. One day seminar organized “Personality Development” on 19-03-2007 at Seminar Hall, Department of Tamil, and ALU.
4. Blood donation camp conducted on 19-12-2005 at PG Block, ALU, (collected by Thanjavur Medical College.
5. Blood donation camp conducted on 20-03-2007 at Seminar Hall, Department of Mathematics, ALU (Collected by Meenakshi Mision Hospital, Madurai)
6. N.S.S 10 days Special camp conducted three times at Pudhuvayal, Mathur, Koviloor Villages.
7. Guest Lecture organized on “Personality Development”, DCSE, ALU on 15-09-2010.
8. Guest Lecture organized - NSS Day celebration on 23-09-2010.
9. Blood Donation conducted in association with Lion’s Club at P.G Block, ALU on 01-10-2010. (41- donors)
10. N.S.S 7 days Special camp conducted at College of Physical Education Alagappa University, Karaikudi.
11. **Chief Superintendent - University Examination:** Regular PG Examinations, PG Block Centre,ALU, April 2011, Regular PG Examinations, PG Block Centre, ALU, November 2010, Pre-PhD Entrance Examination – 24-08-2010, M.Phil Entrance Examination – 2010, DDE Examination, May 2010, PG Block, ALU, DDE Examination, December 2010, Affiliated College Special Examination 2003 Batch , PG Block,ALU, (26th July – 4th Aug, 2011), Special Supplementary Examination for Affiliated colleges (UG) - Convocation Hall on 6th Aug, 2011, Special Supplementary Examination for University Department (PG) – PG Block, Alagappa University, on 6th Aug, 2011, Entrance Examination for B.Ed. Entrance on 18-03-2012 – PG Block, Alagappa University, on 18th March 2012,Setting multiple Choice question for M.Phil(SSP) Alagappa University on 01-02-2016.
12. Coordinator - **CSIR-NET/JRF** Examination, PG Block, Alagappa University, Karaikudi,
13. **Inspection Committee member:** Alagappa Govt. Arts College, Karaikudi - B.C.A Course - on 24-10-2008, Sri Sarada Niketan College for Women, Amaravathipurudur - B.Com. (Computer Application) on 05-12-2008, Idhaya College for Women, Sarugani – All coerces -on 21-01-2009, Govt. Arts College, Paramakudi - M.Sc Computer Science - on 23-01-2009, Madurai Sivakasi Nadars Pioneer Meenakshi Women’s College, Poovanthi-M.Com. (Computer Application) - on 10- 04-2009, Sri Sarada Niketan College for Women, Amaravathipurudur-All UG courses- on 13-04-2009,

14. Ananda College, Devakottai- M.Com(Computer Application) on 14-04-2009, Dr.Umayal Ramanathan College for women, Karaikudi -M.Sc(IT)-on 22-04-2009, Thassim Beevi Abdul Kadar
15. College for Women, Kilakarai - M.Sc Computer Science - on 06-06-2009, Dr.Zakir Husain Collage,
16. Ilayankudi - B.Sc Computer Science to - on 28-06-2009, Alagappa University Evening College, Thondi - PGDCA and B.Com. (CA) - on 25 -07-2009, Syed Ammal Arts & Science College, Ramanadapuram – B.Sc.(Comp. Sci.) – on 21-05-2010.
17. Madhar educational institute Trichy on 10-02-2015, CHEL –JANA institute ,(DDE) Rajapalayam on 11-01-2016. Vidhyaa Giri college of Arts and Science, Puduvayal, Karaikudi on 10-03-2016.St.
18. justin Arts and Science college for women, Sivaganga on 17-03-2016. Syed Ammal Arts and science college ,Ramanathapuram for M.Sc(CS) on 26-04-2016. DDE learning centre at Kumbakonam on 9-06-2016. DDE New Learning Centre , Erode. On 10-01-2016.
19. sward for inspecting DDE Aranthagi, Peravurani, Manalmelkudi on 07-01-2017. Sri Saradha Nikenthan college for women, Amaravathiputhur on 18-01-2017. Result awarding committee member in TBAK college for Women, Kilakarai) on 04—02—2016. Chairman DDE, Dec -2016- MCA semester & Lateral & Non Semester.

### Resource persons in various capacities

1. Advisory committee Member in recent advances in computer and mathematical sciences (RACMS'14) organized by Department of Computer Science & Department of Mathematics, Dr.Umayal Ramanathan College for women, Karaikudi, Oct 17<sup>th</sup> & 18<sup>th</sup> -2014.
2. Presented Key Note Address in the National Symposium organized by the PG Department of Computer Science, Government Arts College for women, Ramanathapuram, Feb 20<sup>th</sup> -2016.

### Others

1. No. of PhD Thesis evaluated : 19
2. No. of PhD Public Viva Voce Examination conducted : 19

## Recent Publications

1. R. Ananadha Jothi and Dr.V. Palanisamy , April-2015, "Trust Based Association Estimation Technique on Aodv Protocol Against Packet Droppers in MANET" Journal of Applied Engineering Research, vol-10 , ISSN:0973-4562,Impact Factor-0.14.
2. S. Christy sheeba and Dr.V. Palanisamy, August -2015"Secure Based Routing Protocol with Cryptographic Data Encryption Technique for Manet", (IJCSMC),vol-4,issues-8,pp-29-32, Impact Factor- 1.06.
3. S.Christy sheeba and Dr.V. Palanisamy, April-2015, "Co-ordination n network security using agent in self-protection" Advance in computer science and application, ISBN-978-93-84743-57-4.
4. A.Kumar Kombaiya and Dr.V.Palanisamy, April-2015 "Designing A Knowledge Discovery of Clustering Techniques in Pharmaceutical Compounds" Journal of Computer Science and Engineering .vol-3,pp-58-63,Impact factor- 0.910
5. A.Kumar Kombaiya and Dr.V.Palanisamy, April-2015, "Efficient Analysis of Pharmaceutical Compound Infrastructure based on Enhanced K-Means Clustering Algorithm" Journal of Innovative Research in Computer Communication Engineering.vol-3,pp-3362-3367.Impact factor- 0.910.
6. S.Bhuvaneshwari and Dr.V.Palanisamy -, April-2015. "Sybil attack detection technique for VANET: a novel scheme", International journal of engineering and research .vol-4, pp-34-357.
7. R.Ananadhajothi and Dr.V.Palanisamy, April 2016 "Analysis of Fingerprint Minutiae Extraction and Matching an Algorithm" International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 3, Special Issue 20, ISSN 2394-3777. Impact Factor-2.5
8. M.Arunadevi and Dr.V.Palanisamy April 2016 "A Novel Multiple Secret Sharing Scheme for Biometric Iris Template" International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 3, Special Issue 20, ISSN 2394-3777 Impact Factor-2.5 .
9. G.Juchithaa and Dr.V.Palanisamy, April 2016 ""A Secure Multimodal Biometric Approach for Face and Iris using Extended Affine Cipher" International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 3, Special Issue 20, ISSN 2394-3777 Impact Factor-2.5
10. R.Rubia Habeeba and Dr.V.Palanisamy, April-2016 "FCMEM2: Fingerprint Classification using Minutia Extraction and Minutia Matching" International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 3, Special Issue 20, ISSN 2394-3777 . Impact Factor-2.5

11. MR.Nithyakalyani and Dr.V.Palanisamy April 2016 " A Novel Fingerprint Template Encryption Scheme based on DNA Encoding and Genetic Algorithm" International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 3, Special Issue 20, ISSN 2394-3777. Impact Factor- 2.5.

12. A.L.Jeeva and Dr.V.Palanisamy, April 2016 " Access the Personal Health Records by checking the DES key DNA encryption algorithm" International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 3, Special Issue 20, ISSN 2394-3777  
Impact Factor-2.5.

13. Mrs.M.Lalli and Dr.V.Palanisamy, April-2016 "Framework for intrusion detection rule schema in mobile ad hoc networks,(IJCTC), International science press.pp1995-201, ISSN0974-5572. Impact Factor- 2.7.