

## PROFILE OF DR. P.SHANMUGAVADIVU



1. Designation : Senior Professor
2. Department : Computer Science and Applications
3. Qualification : M.C.A., M.Tech (DS & Engg.) MBA,  
M.Sc. (Applied Psychology), Ph.D.,
4. Experience (in years) : Teaching: 34 years  
Research: 24 years
5. Area of Specialization : 1) Medical Image Processing & Analysis  
2) Intelligent Models for Health care  
3) Software Technologies  
4) Parallel Computing  
5) Pattern Recognition  
6) Web Mining
6. Mobile Number : 9443736780
7. E-Mail ID : psvadivu67@gmail.com
8. Orcid ID : <https://orcid.org/0000-0003-2032-6115>
9. Google Scholar ID : <https://scholar.google.co.in/citations?user=LvsOefIAAAAJ&hl=en>
10. IRINS Link for detailed profile : <https://ruraluniv.irins.org/profile/107258>
11. Research Guidance :

Degree	Awarded		Guiding
	Total	For the period 2019-2025	
Ph.D.	16	09	08

### 12. Publications

S.No.	Category	Total	For the period 2019-2025
1.	No. of UGC CARE listed Publications	60	19
2.	Books published	02	-
3.	No. of chapters in Edited Volume /Proceedings	121	32

#### Select Publications (2019-2025)(upto 5 publications)

S. No.	Title of the Article	Name of the Journal	I/N	ISBN/ISSN	Vol.	Pg.	Month and Year
1.	Behaviour-driven development and metrics framework for enhanced agile practices in scrum	Information and Software Technology	I	2415-0169	170	107435	June 2024

	teams						
2.	Transition From Waterfall to Agile Methodology: An Action Research Study	IEEE Access	I	2169 - 3536	12	49341 - 49362	April 2024
3.	Data imputation in deep neural network to enhance breast cancer detection	International Journal of Imaging Systems and Technology	I	2094 - 2106	32(6)	2094- 2106	May 2022
4.	Mammogram image preprocessing using intensity range based partitioned cumulative distribution function	The Journal of Analysis	I	0971 - 3611	1	1-8	April 2022
5.	Effective Diagnosis of Alzheimer's Disease using Modified Decision Tree Classifier	Procedia Computer Science	I	1877 - 0509	165	548-555	2019

### 13. Sponsored Projects:

Major Projects handled so far		Major Projects handled during 2019-2025	
Nos.	Financial Outlay (Rs.in lakhs)	Nos.	Financial Outlay (Rs.in lakhs)
7	Rs.239	3	Rs.89.20.

14. No. of Seminars/Conferences/Workshops organized (2019-2025) : 06
15. No. of presentations in Seminars/Conferences(2019-2025) : 05
16. No. of Patents : 02
17. No. of Invited Talks in National / International Conferences (2019-2025): 119
18. Visits Abroad (2019-2025): *(List of countries visited for academic purposes)*
- Malaysia, USA, China, Singapore, Thailand, Indonesia
19. Additional responsibilities (2019-2025):
- Member, Board of Management, GRI
  - Member, Planning and Monitoring Board, GRI
  - Dean, School of Computer Science & Technologies (2020 - 2023)
  - Head of the Department (2020 - 2023)
  - Coordinator, Universal Human Values, GRI (2021 - 2024)
  - Director, IQAC, GRI (2017 - 2023)
  - Local Coordinator - GIAN, GRI (Since July 2016)
20. Any other notable achievements :
- Member, Planning and Monitoring Committee, Mother Teresa University, Kodaikanal
  - Member, Academic Council, Nehru Memorial College, Puthanampatti, Chennai.
  - Attended LEAP programme, MoE, GRI.