PERSONAL PROFILE

Name	Dr. T. Asvany
Designation	Assistant Professor
Department	Information Technology
Primary discipline (Area of interest)	Computer Science (Optimization Algorithms)
Educational qualification	M.C.A., Ph.D.,
Additional qualification (SET/NET/CISR/JRF)	
Gender	Female
Date of birth	12/01/1984
Contact number	9994382830
Email	asvanytandabani@gmail.com
Address for communication	No.32, Shanmuga VIP city, Moorthy nagar ext., villianur.

CAREER PROFILE

ACADEMIC EXPERIENCE

Total years of teaching experience (Both UG & PG)	PG-4-year 1 month UG-1 year 9 month
Years of teaching experience (UG) (In current institution)	UG-1 year 9 month
Years of teaching experience (PG) (In current institution)	Nil
Years of experience in current academic rank	-
Previous academic rank (if yes, mention the details)	-
Research experience (Excluding PhD)	-
Area of specialization	Optimization Algorithms,WSN

RESEARCH GUIDANCE

	-
Number of Ph.D. guided	Nil
Number of M.Phil. guided	Nil
Number of UG – projects (Project work must have been documented as dissertations)	5
Number of PG – projects (Project work must have been documented as dissertations)	9

RESEARCH & PUBLICATIONS

Number of articles published in web of science indexed journals	4
Number of articles published in Scopus indexed journals	Nil
Number of articles published in Scopus indexed journals	Nil
Number of books authored	Nil
Number of book chapters published	Nil
Number of editorials published	Nil
Number of communications/letters published	Nil
Number of monographs	Nil
Number of course materials published	Nil
Number of funded research projects	Nil
Number of scientific innovations guided	Nil

EXTENSION ACTIVITIES

Number of seminars organized	International:0 National:0
Number of seminars attended	International:0 National:0
Number of workshops organized	International:0 National:0
Number of workshops attended	International:0 National:1

Number of conferences organized	International:0 National:0
Number of conferences attended	International:2 National:0
Number of faculty induction/development programmes organized	International:0 National:0
Number of faculty induction/development programmes attended	International:1 National:3
Number of refresher/orientation programmes organized	International:0 National:0
Number of refresher/orientation programmes attended	International: National:1(Phase1,2,3)
Number of certificate/training programmes organized	International:0 National:0
Number of certificate/training programmes attended	International: National:
Number of invited presentations/participations	International: National:
Number of participations in national events/professional bodies	
Number of international visits	Nil
Memberships in university bodies	Nil
Memberships in government bodies/meetings/societies	Nil
Memberships in non-government bodies/meetings/societies	Nil
Number of awards received	International: Nil National: Nil
Number of citations received	
Honorary memberships	Nil
Honorary fellowships	Nil
Number of consultancy work	Nil
ADDITIONAL RESPONSIBILITIES (held in the current institution)	
Co-ordinator of any committees/cells (If yes, mention the name alone)	-
Member of any committees/cells (If yes, mention the name alone)	-
Any other achievements	-

DETAILS OF RESEARCH AND PUBLICATIONS:

1. **SCI Indexed Journal**

   Kadiravan, G., Sujatha, P., **Asvany, T**., Punithavathi, R., Elhoseny, M., Pustokhina, I., Pustokhin, D.A. and Shankar, K., 2021. Metaheuristic Clustering Protocol for Healthcare Data Collection in Mobile Wireless Multimedia Sensor Networks. *CMC-COMPUTERS MATERIALS & CONTINUA*, *66*(3), pp.3215-3231.

2. **ESCI & UGC Indexed Journal**

   Asvany. T, J. Amudhavel, and Sujatha Pothula. "To solve economic dispatch problem using cooperative particle swarm optimization algorithm" IIOAB journal, Volume 8(2), Pages: 191 – 198, 2017. (Indexed in Emerging Sources Citation Index – **Web of Science** – Thomson Reuters)

   Asvany. T., J. Amudhavel, and Sujatha Pothula," One-Dimensional CuttingStock Problem with Single and Multiple stock lengths using DPSO",Advances and Applications in Mathematical Sciences, Volume 17(1), Pages:147-163, November 2017. (**Web of Science - Thomson Reuters**)

   Asvany. T., J. Amudhavel, and Sujatha Pothula," Lightning Search Algorithm for solving Coverage Problem in Wireless Sensor Network", Advances and Applications in Mathematical Sciences, Volume 17(1), Pages:113-127, November 2017. (**Web of Science - Thomson Reuters**)

   Asvany. T, J. Amudhavel, and Sujatha Pothula." SFLA for solving Load Balancing Problem through Fog Computing in Cloud Servers" Bioscience Biotechnology Research Communications, Volume 1, Pages:44-47, 2018. (Indexed in Emerging Sources Citation Index - **Web of Science - Thomson Reuters**)

3. International Conference

Asvany. T, KalaiPriyan. T, Janakiraman. S, and Sujatha Pothula, "A comparative study of meta heuristic approach for cutting stock problem", In Communication and Electornics Systems (ICCES), International Conference on pp 1-4, IEEE, 2016.

Asvany. T, KalaiPriyan. T, and Sujatha Pothula, "A Near Optimal solution for CSP in Optimization Method", International Conference on Contemporary issues in Science, Engineering and Management, pages: 638 – 642, 2017.

DETAILS OF OTHER ACHIEVEMENTS:

1. Microsoft Certified Professional MCP ID #6820146 Certified Since 2009.