


Personal Details	
Dr.P.Sachidhanandam, M.E., Ph.D., MISTE.,	
Associate Professor	
Department of Computer Science and Engineering	
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Areas of Interest	Mobile adhoc Networks, Data Structures
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Subjects Taught	
UG	PG
Computer Programming	Advanced Data Structures
Programming and Data Structures I	Multi Core Architecture
Oops and Data structures	
Computer Networks	
Principles of Compiler Design	
Operating Systems	
Computer Architecture	
Cloud Computing	
Object Oriented Analysis and Design	
Software Engineering	
Information Security	
Problem Solving and Python Programming	

Academic Background				
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
Ph.D.	Wireless Sensor Networks	K.S.R College of Engineering	Anna University	Sep 2018
M.E.	Computer Science and Engineering	K.S.Rangasamy College of Technology	Anna University	June 2008
B.E.	Computer Science and Engineering	K.S.Rangasamy College of Technology	Periyar University	May 2004

Work Experience as on May 2024							
Name of the Institution		Position		From		To	
Knowledge Institute of Technology, Salem		Associate Professor		June 2016		Till date	
Excel Engineering College, Komarapalayam		Assistant Professor		July 2008		May 2016	
Sasurie College of Engineering		Lecturer		December 2004		June 2006	
Total Experience	11 Years 11 Months	Teaching	11 Year 11 Months	Research	6 Years (Part time)	Administration	-

Research Publications					
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
		3	1	2	4

Recent Publications (Journals)	
1.	P.Sachidhanandam "Coverage Hole Avoidance Using Fault Node Recovery in Mobile Sensor Network", IJSRCSEIT, ISSN : 2456-3307, Volume 3, Issue 1, pp: 377-382 Feb'2018
2.	P.Sachidhanandam "Internet of Robotics Embedded IOT enabled Robotics Technology", CSIMagazine, ISSN 0970-647X, Volume No. 40, Issue No. 4, July 2016
3.	P.Sachidhanandam, Dr.G.Singaravel,"Efficient Data Aggregation in Sensor Nodes Through Linear Motion of Mobile Sink", Asian Journal of Information Technology, ISSN 1682-3915,Volume 15 PP:2679-2682
4.	P.Sachidhanandam, Dr.G.Singaravel, "A Life Time Enhancement of the Sensor Nodes Through Linear motion of the Mobile Sink", International Journal of Applied Engineering Research : ISSN 0973-4562 Vol.10 No.38(2015) Pg.No.28318 - 28324

Recent Publications (Conferences)	
1.	P.Sachidhanandam, "Improved Document Retrieval for Web Search Results Using Machine Learning Model" organized by Brainy Meet on 23.08.24
2.	P.Sachidhanandam, "An Effective Data Transmission Approach through cascading of clusters in path identification of WSN routing" ICICSE - 2018 at Guru Nanak Institutions, Hyderabad.
3.	P.Sachidhanandam, "Improving Network Security with a game theoretic approach", International Conference on Scientific and Engineering Research 2015, VidhyaMandhir Institute of Technology, Erode
4.	P.Sachidhanandam, "Efficient and Secure routing protocol for Wireless Sensor Networks through dynamic clustering and optimal energy allocation", National conference on Recent Trends & Safety in Automobiles 2015, The Kavery College of Engineering, Mecheri.

5.	P.Sachidhanandam, “Personalized Web Search using Dynamic Template with Privacy Handling” National Conference on Emerging Trends in Information & Computer Science 2015,M.P.N.M.J Engineering College, Chennimalai.
6.	P.Sachidhanandam, “Data Publishing provable Distance based Mining for Intended Receivers”, National Conference on VLSI design Embedded Systems & Networks2015, Jay Shriram Group of Institutions, Tirupur.
7.	P.Sachidhanandam, “Machine to Machine Interface in Wireless Sensor Networks”, National Conference on Computing, Communication and Manufacturing 2013, Er.Perumal Manimekalai College of Engineering, Hosur.

Memberships in Professional Bodies

S.No.	Name of the Professional Body
1	Member of Indian Society for Technical Education (Life Member) – LM63764

Programs Organised

One of the Coordinators for the Anna University approved FDP on “Problem Solving and Python Programming” conducted from 11 th June 2018 to 17 th June 2018 held at KIOT, Salem.

Highlights of Major Contributions

ICT Academy Certified Trainer in “C Programming”
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Training Programmes Attended

1.	Received Python for Data Science FDP certificate for 4 weeks course throughNPTEL swyam
2.	AICTE approved FDP(FDP201x) on “Pedagogy for Online and Blended Teaching – Learning Process” conducted by IIT Bombay from May 3,2018 to May 30,2018
3.	AICTE – ISTE approved Induction/Refresher Programme “Horizontal Integration of Various Elements of Pedagogy in Engineering Education” from 4 th June 2018 to 9 th June 2018 at PSG Institute of Technology and Applied Research.
4.	Hands on workshop on Artificial Intelligence and Deep Learning held at Kongu Engineering College conducted by leadingIndia.ai from 28 th July 2018 to 30 th July 2018.
5.	National level workshop on “Simulation and Emulation of Self Organized Networks (Season – 2017)” from 14 th September 2017 to 16 th September 2017 at Kongu Engineering College, Perundurai.
6.	Five Days FDP on “PHP with MySQL” conducted by ICT Academy of Tamil Nadu at K.S.Rangasamy College of Technology from 15 th to 19 th September 2014
7.	AICTE sponsored SDP on “Recent Advances in Pattern Recognition – Artificial Intelligence Models and Analysis in Biometrics” at K.S.Rangasamy College of Technology from 25 th March to 6 th April 2013.
8.	Two weeks FDP on “Security Issues in Utility Computing” at K.S.R College of Engineering from 17 th May to 30 th May 2013

9.	Two days hands on training on “Research tools for Data mining and Big DataAnalytics at K.S.R.College of Engineering from 13 th to 14 th October 2014.
10.	DRDO sponsored National workshop on “Research aspects of M2MTechnology and Wireless Sensor Networks in space communication” K.S.Rangasamy College of Technology from 30 th November 2012 to 1 st December 2012.
11.	One day National level workshop on “Android Apps Development” at K.S.R College of Engineering on 29 th September 2015.
12.	CSIR sponsored seminar on “Applications and Issues of Wireless Sensor Networks in Disaster Terrain” at Kongu Engineering College from 2 nd February to 3 rd February 2012.

A15	Special Lectures Presented
1.	“Wireless Adhoc/Sensor Networks” AICTE sponsored two week SDP on Wireless and Cellular Communication, 20 th June 2011 to 1 st July 2011 at Excel College of Engineering for Women.