Faculty Profile – Format

A1	Personal Details

Dr.P.Sachidhanandam, M.E., Ph.D., MISTE.,	
Associate Professor	
Department of Computer Science and Engineering	
Knowledge Institute of Technology, Salem - 637 504. India.	
Ph: +91 - 427 – 2433940.	
Email id: pscse@kiot.ac.in	

A2	Areas of Interest	Mobile adhoc Networks, Data Structures

A3	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		

A4	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

A5	Work Experience as on May 2016			
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 11Months	Teaching	11 Year 11 Months	Research	6 Years (Part time)	Administration	-

A6	Research Publications				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	3	1	2	4	10
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", CSI Magazine, 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, "An Effective Data Transmission Approach through cascading of clusters in path identification of WSN routing" ICICSE – 2018 at Guru Nanak Institutions, Hyderabad.
2.	P.Sachidhanandam, "Improving Network Security with a game theoretic approach", International Conference on Scientific and Engineering Research 2015, Vidhya Mandhir Institute of Technology,Erode
3.	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.
4.	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.
5.	P.Sachidhanandam, "Data Publishing provable Distance based Mining for Intended Receivers", National Conference on VLSI design Embedded Systems & Networks 2015, Jay Shriram Group of Institutions, Tirupur.
6.	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.

A7	Research Grants/ Projects Received
*if any	

A8	Patents Filed
*if any	

A9	Fellowship Received
1	

A10	Memberships in Professional Bodies
S.No.	Name of the Professional Body
1	Member of Indian Society for Technical Education (Life Member) – LM63764

A11	Programs Organised
One of the Coordinators for the Anna University approved FDP on "Problem Solving and	

Python Programming" conducted from 11th June 2018 to 17th June 2018 held at KIOT,Salem.

A12	Consultancy Works
*if any	

A13	Highlights of Major Contributions
ICT Academy Certified Trainer in "C Programming"	

A14	Training Programmes Attended
1.	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
2.	AICTE – ISTE approved Induction/Refresher Programme "Horizontal Integration of Various Elements of Pedagogy in Engineering Education" from 4th June 2018 to 9th June 2018 at PSG Institute of Technology and Applied Research.
3.	Hands on workshop on Artificial Intelligence and Deep Learning held at Kongu Engineering College conducted by leadingIndia.ai from 28th July 2018 to 30th July 2018.
4.	National level workshop on "Simulation and Emulation of Self Organized Networks (Season – 2017)" from 14th September 2017 to 16th September 2017 at Kongu Engineering College, Perundurai.
5.	Five Days FDP on "PHP with MySQL" conducted by ICT Academy of TamilNadu at K.S.Rangasamy College of Technology from 15th to 19th September 2014
6.	AICTE sponsored SDP on "Recent Advances in Pattern Recognition – Artificial Intelligence Models and Analysis in Biometrics" at K.S.Rangasamy College of Technology from 25th March to 6th April 2013.
7.	Two weeks FDP on "Security Issues in Utility Computing" at K.S.R College of Engineering from 17th May to 30th May 2013
8.	Two days hands on training on "Research tools for Data mining and Big Data Analytics at K.S.R.College of Engineering from 13th to 14th October 2014.
9.	DRDO sponsored National workshop on "Research aspects of M2MTechnology and Wireless Sensor Networks in space communication" K.S.Rangasamy College of Technology from 30th November 2012 to 1st December 2012.
10.	One day National level workshop on "Android Apps Development" at K.S.R College of Engineering on 29th September 2015.
11.	CSIR sponsored seminar on "Applications and Issues of Wireless Sensor Networks in Disaster Terrain" at Kongu Engineering College from 2nd February to 3rd February 2012.

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

A16	Awards
*if any	

A17	Books Published
*if any	

A18	Foreign Countries/ Universities Visited
*if any	