



ILAHIA COLLEGE OF ENGINEERING AND TECHNOLOGY

Dr.S Vadhana Kumari



Basic Information

Mother Name	Ms. N. Rajammal	Father Name	Mr. Y. Selva Raj	City	Attoor
Date of Birth	02-03-1971	Marital Status	Married	Employee Code	-
Highest Qualification	Ph.D		Pincode		629177
State	Tamil Nadu		Address	W/O, T. Maria Selvan Mulluvilai, Attoor, Thiruvattar P.O., Kanyakumari District, Tamil Nadu, India.	

Qualification

1.

Course	Computer Science	University	Directorate of Technical Education
Qualification	Diploma	Status	Completed
Institute	Morning Star Polytechnic College	Completion Date	20 Apr, 1989

2.

Course	Computer Science and Engineering	University	Institute of Engineers(IE), Kolkata
Qualification	Graduation	Status	Completed
Institute	Institute of Engineers(IE), Trivandrum	Completion Date	10 Jun, 2006

3.

Course	Computer Science and Engineering	University	Anna University
Qualification	Post-Graduation	Status	Completed
Institute	The Raajas Engineering college, Vadakkankulam, Tamil Nadu	Completion Date	03 May, 2009

4.

Course	Computer Science and Engineering	University	Anna University
Qualification	Ph.D	Status	Completed
Institute	Anna University	Completion Date	27 Jul, 2018

Certification Program

1.

Course Name	Programming, Data structures and Algorithms using Python	University	IIT, Madras
Institute	NPTEL	Start Date	-
Completion Date	29 Sep, 2019		

2.

Course Name	Programming in C	University	IIT, Madras
Institute	NPTEL	Start Date	-
Completion Date	25 Apr, 2019		

3.

Course Name	Compiler Design	University	NPTEL
Institute	IIT, Kharagpur	Start Date	11 Jan, 2020
Completion Date	30 Apr, 2020		

Professional Experience

1.

Designation	Lecturer	Experience Status	PreviouslyWorking
Department	Computer Science	Joining Date	25 Sep, 2000
Last Working Date	03 Apr, 2006	Key Areas of Expertise	Fundamentals of Computers Programming in C Programming in C Computer Architecture

2.

Designation	Assistant Professor	Experience Status	PreviouslyWorking
Department	Computer Science	Joining Date	03 Apr, 2006
Last Working Date	30 Jun, 2009	Key Areas of Expertise	Mobile Computing Operating Systems Data Sturctures Computer Networks

3.

Designation	Associate Professor	Experience Status	PreviouslyWorking
Department	Computer Science	Joining Date	01 Jul, 2009
Last Working Date	08 Dec, 2018	Key Areas of Expertise	Operating System Mobile Computing Computer Networks Data Structures

4.

Designation	Professor	Experience Status	PreviouslyWorking
Department	Computer Science	Joining Date	10 Dec, 2018

Last Working Date	08 Mar, 2022		Key Areas of Expertise	Operating System, Mobile Computing, Computer Networks, Data Structures, Theory of Computation, Mobile and Pervasive Computing, Cryptography and Network Security		
5.						
Designation	Professor		Experience Status	CurrentlyAssociated		
Department	Computer Science		Joining Date	10 Mar, 2022		
Last Working Date	-		Key Areas of Expertise	-		
Achievements / Awards						
1.						
Achievements / Awards	Received "The Best Paper Award" in Game Theory Based Defense Technique (GTDT): A Novel Approach for the Detection of Jamming Attacks in MANET', International Conference on Microelectronics, Communication and Computation, SAN DIEGO, USA.					
Seminars / Workshops / Conferences / Presentation / Poster Presentation						
1.						
Event	Conferences		Event Type	Attended	Event Status	International
Title	A Key Based Detection Mechanism for Preventing Black Hole Attacks in MANET		Your Role	Delegate		
From Date	17 Jun, 2017		To Date	17 Jun, 2017		
Organizing Body	-	Coordinator	-	Speaker	-	
Details	-					
2.						
Event	Conferences		Event Type	Attended	Event Status	International
Title	Game Theory Based Defense Technique (GTDT): A Novel Approach for the Detection of Jamming Attacks in MANET		Your Role	-		
From Date	28 May, 2016		To Date	28 May, 2016		
Organizing Body	-	Coordinator	-	Speaker	-	
Details	-					
3.						
Event	Conferences		Event Type	Attended	Event Status	International
Title	A Novel Approach: Sybil Attack Detection for Anonymous Location-Based Routing in MANET		Your Role	-		
From Date	21 Feb, 2015		To Date	22 Feb, 2015		
Organizing Body	-	Coordinator	-	Speaker	-	
Details	-					
4.						
Event	Conferences		Event Type	Attended	Event Status	International
Title	Identify Malicious Activities using Host based IDS in High Security MANETs		Your Role	-		
From Date	12 Jul, 2013		To Date	14 Jul, 2013		
Organizing Body	-	Coordinator	-	Speaker	-	
Details	-					
5.						
Event	Staff Development Programs		Event Type	Attended	Event Status	National
Title	Robotics Process Automation		Your Role	-		
From Date	04 May, 2020		To Date	06 May, 2020		
Organizing Body	JPR Engineering College Chennai	Coordinator	-	Speaker	-	
Details	-					
6.						
Event	Staff Development Programs		Event Type	Attended	Event Status	National
Title	Ajile Methodology		Your Role	-		
From Date	20 May, 2020		To Date	22 May, 2020		
Organizing Body	-	Coordinator	-	Speaker	-	
Details	-					
7.						
Event	Staff Development Programs		Event Type	Attended	Event Status	National
Title	Recent Trends in Medical Image Processing		Your Role	-		
From Date	28 May, 2020		To Date	03 Jun, 2020		
Organizing Body	-	Coordinator	-	Speaker	-	
Details	-					
8.						
Event	Staff Development Programs		Event Type	Attended	Event Status	National
Title	Data Structures		Your Role	-		
From Date	25 May, 2020		To Date	29 May, 2020		
Organizing Body	-	Coordinator	-	Speaker	-	
Details	-					
9.						
Event	Webinar		Event Type	Attended	Event Status	National
Title	Data Analytics		Your Role	-		
From Date	27 May, 2020		To Date	28 May, 2020		

Organizing Body	-	Coordinator	-	Speaker	-
Details	-				

10.					
Event	Staff Development Programs		Event Type	Attended	Event Status
Title	Deveps and Cyber Security		Your Role	-	
From Date	10 Jun, 2020		To Date	12 Jun, 2020	
Organizing Body	-	Coordinator	-	Speaker	-
Details	-				

11.					
Event	Staff Development Programs		Event Type	Attended	Event Status
Title	Convolutional Neural Networks		Your Role	-	
From Date	08 Jun, 2020		To Date	10 Jun, 2020	
Organizing Body	-	Coordinator	-	Speaker	-
Details	-				

Patents Granted / Filed					
1.					
Status	Published		Level		Application Number
Date (Granted / Filed)	-		Date of Details	-	

Publications			
1.			
Publication Type	Review Publications	Publication Status	International
Indexed In	Web of science	Published Date	-
Title	Game Theory Based Defense Technique for Jamming Attacks in Mobile Ad Hoc Networks	Journal Name	The Journal of Computational and Theoretical Nanoscience
Main Author	Dr. S. Vadhana Kumari	Co-Authors	Dr. B. Paramasivan
ISSN	ISSN:1546-1955	Page Numbers	-
Issue	IF %u2013 1.665	Volume	-
Publication Year	2017	Details	-

2.			
Publication Type	Review Publications	Publication Status	International
Indexed In	Web of science	Published Date	-
Title	Defense against Sybil attacks and authentication for anonymous location based routing in MANET	Journal Name	The Journal of Mobile Communication, Computation and Information (SPRINGER), Wireless Networks
Main Author	Dr. S. Vadhana Kumari	Co-Authors	Dr. B. Paramasivan
ISSN	ISSN 1022-0038	Page Numbers	DOI 10.1007/s11276-015-1178-7
Issue	IF %u2013 0.961	Volume	-
Publication Year	2016	Details	Anna University Annexure I

3.			
Publication Type	Research Publications	Publication Status	International
Indexed In	Scopus	Published Date	-
Title	Collaborative Path Tracing System (CPTS): A Novel Approach for Detecting Black Hole Attacks in MANET	Journal Name	International Journal of Emerging Trends in Science and Technology (IJETST)
Main Author	Dr. S. Vadhana Kumari	Co-Authors	-
ISSN	-	Page Numbers	-
Issue	-	Volume	-
Publication Year	2016	Details	-

4.			
Publication Type	Research Publications	Publication Status	International
Indexed In	Scopus	Published Date	-
Title	A Novel Approach: Sybil Attack Detection for Anonymous Location-Based Routing in MANET	Journal Name	, International Journal of Applied Engineering Research (IJAER)
Main Author	Dr. S. Vadhana Kumari	Co-Authors	Dr. B. Paramasivan
ISSN	-	Page Numbers	-
Issue	-	Volume	-
Publication Year	2015	Details	-

5.			
Publication Type	Research Publications	Publication Status	International
Indexed In	Scopus	Published Date	-
Title	Ant Based Defense Mechanism for Selective Forwarding Attack in MANET	Journal Name	IEEE International Conference on Data Engineering Workshops (ICDEW)

Main Author	Dr. S. Vadhana Kumari	Co-Authors	Dr. B. Paramasivan
ISSN	-	Page Numbers	-
Issue	8	Volume	1
Publication Year	2015	Details	-
6.			
Publication Type	Research Publications	Publication Status	International
Indexed In	Scopus	Published Date	-
Title	Identify malicious activities using host-based IDSs in high security Mobile Adhoc Networks (MANETs)	Journal Name	International Journal of advanced computing and communication systems (IJACCS)
Main Author	Dr. S. Vadhana Kumari	Co-Authors	-
ISSN	-	Page Numbers	-
Issue	-	Volume	-
Publication Year	2014	Details	-