


Sethu Institute of Technology
An Autonomous Institution
Pulloor, Kariapatti - 626 115, Virudhunagar



Department of Information Technology

NAME	Dr.V.AKILANDESWARI			
UNIQUE ID	FD6034			
DESIGNATION	Associate Professor			
QUALIFICATION	B.Tech(IT), M.E (CSE), Ph.D (ICE)			
EMAIL ID	akilandeswari.v@sethu.ac.in			
ALTERNATE EMAIL ID	akilandeswari.v2015@gmail.com			
EXPERIENCE	INDUSTRY	TEACHING	TOTAL	
	1 year and 7 months	11 years and 1 months	12 years and 8 months	
DATE OF JOINING THE INSTITUTION	18.11.2021			
RESEARCH FOCUS	<i>Design of a self-healing system using co-operative distributed response and recovery technique for high rate distributed Denial of Service attack</i>			
SUBJECT COMPETENCY	<i>Cryptography and Network Security, Database Management Systems, Compiler Design, Soft Computing, Information Retrieval</i>			
NO OF JOURNAL PUBLICATION (INTERNATIONAL/NATIONAL)	7			
NO OF CONFERENCE ATTENDED (INTERNATIONAL/NATIONAL)	14			
NO OF BOOKS PUBLISHED	4			

ACADEMIC CREDENTIALS

Level	Degree	Specialization	University	Year of Completion
UG	B.Tech	Information Technology	Anna University,	2005
PG	M.E	Computer Science and Engineering	Anna University,	2010
Doctor of Philosophy	PhD	Information and Communication Engineering	Anna University,	2015

DETAILS OF ATTENDED TRAINING ACTIVITIES: (ATTENDED FDP/ SEMINAR/WORKSHOP):

S.No	Duration (Two Weeks / One Week / No. of days)	Name of the programme	Organizing institute/ Industry	Participant / Resource Person	Date	Venue
Academic Year: 2021-22						
1.	2.5 days	NPTEL-AICTE FDP on Patent Drafting for Beginners	NPTEL-AICTE	Participant	Jan-Feb 2022	Online
2.	3 days	Virtual certification programme on Entrepreneurial Skills on Geospatial Data Management	Centre for Remote Sensing and GIS (CRSGIS) & Crescent Innovation and Incubation Council (CIIC), B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai	Participant	23.02.2022 to 25.02.2022	Online
3.	One week	FDP on “Artificial Intelligence & Machine Learning”	S.N.R.L Jairam Girls College, Lohar Majra, Kurukshetra	Participant	07.02.2022 to 12.02.2022	Online
4.	One day	ebinar on the theme of “Changing course, transforming education” during the celebration of	Tamil Nadu State Council for Science and Technology, Chennai	Participant	24.01.2022	Online

		“International Day of Education”				
5.	One day	Turnip Innovation Festival 2022	Turnip Innovation	Participant	22.01.2022	Online
6.	One week	AICTE-ISTE approved Orientation/Referesher Programme on “Advanced Pedagogy Using Smart Tools”	K.L.N. College of Engineering, Pottapalayam, Tamil Nadu	Participant	21.01.2022 to 28.01.2022	Online
7.	One day	Celebration of Science Festival (Vigyan Utsav) as a part of Celebration of 75th Year of Independence (Azadi ka Amrit Mahotsav) under the theme of “Innovation and Startups (for Self Reliant India)“	Tamil Nadu State Council for Science and Technology, Chennai	Participant	18.01.2022	Online
8.	2 days	IP Maxima 2021	Innovative Technology Enabling Center (InTEC), CSIR- Institute of Minerals and Materials Technology, Bhubhuba neswar	Participant	07.01.2022 to 08.01.2022	Online
9.	5 days	ATAL Academy Online Elementary FDP on "Artificial Intelligence and Machine Learning for Healthcare	College of Engineering Pune.	Participant	13/12/2021 to 17/12/2021	Online
10	5 days	DST-CURIE & AI Sponsored Five days International Workshop on Artificial Intelligence in Tamil	Avinashilingam Institute for Home Science and Higher Education for Women	Resource Person	25.10.2021 to 29.10.2021.	Online

11	5 days	ATAL Academy Online Elementary FDP on "AUGMENTED REALITY AND VIRTUAL REALITY IN PIONEERING APPLICATION DOMAINS"	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY.	Participant	24/08/2021 to 28/08/2021	Online
12	5 days	ATAL Academy Online Elementary FDP on " Augmented Reality and Virtual Reality	Maulana Azad National Urdu University Polytechnic, Hyderabad	Participant	09/08/2021 to 13/08/2021	Online
Academic Year: 2020-21						
13	5 Days	ATAL Academy Online FDP on "Augmented Reality (AR/Virtual Reality (VR)	KLE Dr. M S Sheshgiri College of Engineering & Technology	Participant	2021-2-22 To 2021-2-26	Online
14	One week	AICTE-ATAL Online FDP on Augmented Reality (AR)/Virtual Reality (VR)	Velalar College of Engineering and Technology	Participant	07.12.2020 to 11.12.2020	Online
15	One Week	AICTE Sponsored STTP on Cyber Criminology and Network Security	Gopalan College of Engineering and Management, Bangalore	Participant	14.12.2020 to 19.12.20 20	Online
16	One Day	Webinar on Computer Basics	Madurai Institute of Social Sciences	Resource Person	12.10.2020	
17	One Day	Online Webinar on Free and Open-Source Tools for Engineering Laboratories	K.L.N. College of Engineering, Pottapalayam	Participant	27.07.2020	Online
Academic Year: 2019-20						

18	One Day	ICT Academy Convergence 2020 (Annual Members Meeting)	ICT Academy	Participant	15.07.2020	Online
19	One day	MHRD Innovation Cell Leadership Talk with shri R, Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment)	MHRD'S Innovation Cell	Participant	13.06.2020	Online
20	One day	MHRD Innovation Cell Leadership Talk with Ms. Ashwini Deshpande (Co.Founder& Direct Elephant Design)	MHRD'S Innovation Cell	Participant	06.06.2020	Online
21	Three days	Enhancing the quality of Academic and Sponsored Research	K.L.N. College of Engineering, Pottapalayam	Participant	04.06.2020 to 06.06.2020	Online
22	One day	MHRD Innovation Cell Leadership Talk with Dr.NileshN Oak, Expert (Indian Civilization & History)	MHRD'S Innovation Cell	Participant	30.05.2020	Online
23	One day	CSI-Student Chapter International Seminar on Big Data Engineering For Analytics	K.L.N. College of Engineering	Participant	25.05.2020	Online
24	One day	MHRD Innovation Cell Leadership Talk with Dr.Pramod Chaudhari, Founder, Chairman, Praj Industries Limited	MHRD'S Innovation Cell	Participant	16.05.2020	Online
25	One Day	MHRD Innovation Cell Leadership Talk Prof D.P.Singh, Chairman	MHRD'S Innovation Cell	Participant	09.05.2020	Online

		UGC				
26	One day	MHRD Innovation Cell Leadership Talk Mr. Shridhar Venkat, CEO (Akshay Patra Foundation)	MHRD'S Innovation Cell	Participant	20.06.2020	Online
27	One week	AICTE-ATAL Online FDP on Cyber Security	Jawaharlal Nehru University, New Delhi	Participant	26.05.2020 to 30.05.2020	Online
28	One day	Moodle Learning Management System- Spoken Tutorial Project, IIT Bombay	Guru Nanak Dev Engineering College	Participant	02.05.2020	Online
29	One day	Open Source Tools for Engineering Applications and Projects & Online App Development	Kamaraj College of Engineering and Technology	Participant	30.05.2020	Online
30	Three Days	Fundamentals of Python Programming	K.L.N. College of Engineering	Participant	27.05.2020 to 29.05.2020	Online
31	One day	Webinar on Hierarchy of Cognitive levels Digital Blooms Taxonomy	K.L.N. College of Engineering	Participant	22.05.2020	Online
32	Five Day	IIT Bombay Spoken Tutorial in MOODLE Learning Management System	Guru Nanak Dev Engineering College Ludhiana in association with	Participant	27.04.2020 to 01.05.2020	Online
33	One Day	Prevention and Protection From Covid'19	K.L.N. College of Engineering	Participant	26.05.2020	Online
34	One day	Webinar on Role of Higher Education Institutions	Shri Govind Guru University, Godhra, Gujarat	Participant	29.04.2020	Online

35	One day	Developing Thinking Abilities Relevant for Engineering Education	FACE	Participant	28.04.2020	Online
36	One Day	Online Workshop on Basics of Machine Learning,	IISER Bhopal (with support of NPTEL, IIT Madras)	Participant	27.04.2020	Online
37	Two Days	International Conference on “Sustainable Development”	Kalasalingam Global Conference KGC 2019	Participant	18.12.2019 & 20.12.2019	Kalasalingam University, Krishnankoil, Virudhunagar
38	One day	Workshop on R	IIT Bombay	Participant	09.10.2019	Kalasalingam University, Krishnankoil, Virudhunagar
39	One day	Workshop on Tamil Computing	Tamil Virtual Academy	Participant	18.10.2019	Tamil Virtual Academy, Chennai
Academic Year: 2018-19						
40	One Week	Implementation and improvement of features performance of the public chat room	Inside Globe	Participant	13.05.19 to 18.05.19	Inside Globe Info solutions, Madurai
41	Three Days	Women'S Economic Empowerment: Enhancing Participation of Women in Economic Development for Achieving Gender Equality and the	K.L.N. College of Engineering,	Participant	21.03.19 to 22.03.19	K.L.N. College of Engineering, Pottapalayam

		Advancement of Women “				
42	Two days	Effective Use of ICT tools in Engineering Education	KLNCE	Resource Person	9.11.2018 to 10.11.2018	K.L.N. College of Engineering, Pottapalayam
43	½ of One week	FDP on Outcome Based Pedagogic Principle for Effective Teaching	NPTEL	Participant	AUG-SEP 2018	-
44	Two Weeks	AICTE Sponsored Pedagogy for Online and Blended Teaching-Learning Process 2018	IIT Bombay	Participant	30.10.2018 to 27.12..2018	Thiagarajar College of Engineering, Madurai
45	Two Weeks	AICTE Sponsored Two week FDP on Foundation Program in ICT for Education- Autumn 2018	IIT Bombay	Participant	13 .09.2018 to 21.10.2018	Thiagarajar College of Engineering, Madurai
46	One Day	IEEE/EBSCO Training Program “IEEE Xplore Digital Library for Technical Research	IEEE and KLNCE	Participant	11/09/2018	K.L.N. College of Engineering, Pottapalayam
47	Six Days	AICTE-ISTE Sponsored six days induction/refresher Programme PEDAGOGICAL	Dept. of CSE K.L.N College of Information Technology	Resource Person	7/05/18 to 12/05/18	K.L.N College of Information Technology

		INNOVATIONS AND BEST PRACTICES FOR SKILL BASED ACADEMIC LEADERSHIP				gy,Pottapalayam
48	Three Days	Train the Trainer workshop on “Data Visualization”	Infosys	Participant	25/07/18 to 27/07/18	K.L.N College of Engineering, Pottapalayam
Academic Year: 2017-18						
49	Seven days	AICTE ISTE Sponsored one week training in Creative Learning and Innovative Training	K.L.N. College of Engineering	Resource Person	23/04/18 To 29/04/18	K.L.N. College of Engineering, Pottapalayam
50	Six days	AICTE-ISTE Induction /Refresher Programme for faculty members on “PEDAGOGICAL INNOVATIONS AND BEST PRACTICES FOR SKILL BASED ACADEMIC LEADERSHIP”	K.L.N College of Information Technology	Resource Person	09.05.18	K.L.N College of Information Technology, Pottapalayam
51	Seven Days	Smart Mobile App Design	Inside Globe Solution, Tirunelveli	Participant	24.11.17 to 01.12.17	Inside Globe Solution, Tirunelveli
52	Two days	Response website design	A2Z Madurai WECARE TECHNOLOGIES	Resource Person	6.12.17 to 07.12.17	A2Z Madurai, WECARE TECHNOLOGIES

53	Two days	Two days FDP on Problem Solving Using Python Programming	K.L.N College of Engineering	Resource Person	29.8.2017 & 30.08.17	K.L.N College of Engineering
54	Two days	Two days Seminar on Problem Solving Using Python Programming	K.L.N College of Information Technology	Resource Person	21.9.2017	K.L.N College of Information Technology
55	Seven Days	AICTE Sponsored Seven days International Seminar on “Big Data Analytics with State of Art Experimentation on E-Governance, Healthcare and Educational System	K.L.N College of Information Technology	Participant	05.10.17 to 11.10.17	K.L.N College of Information Technology
Academic Year: 2016-17						
56	Two days	UGC/SAP-II sponsored workshop on Fundamentals and research challenges in 6LoWPAN	Anna University chennai	Participant	08-06-2017 to 09-06-2017	Department of Electronics Engineering, MIT Campus, Anna University chennai
57	One day	Workshop in IoT Using Raspberry Pi	Pantech ProED Private Ktd.	Participant	06.08.17	Pantech ProED Privat

						e Ktd.
58	Two Days	Workshop on NS3	K.L.N College of Engineering	Participant	29-12-2016 to 30-12-2016	K.L.N College of Engineering, Madurai
59	Two days	IIPC Sponsored Two Days FDP on Multicore Architecture and Programming	K.L.N College of Engineering	Participant	5.1.17 and 6.1.17	K.L.N College of Engineering, Madurai
60	One Day	Workshop on RESEARCH PAPER WRITING	TEQIP II Sponsored	Participant	23-12-2016	Thiagarajar College of Engineering, Madurai.
61	Two Days	ACM Distinguished Speaker Programme	TEQIP-II Sponsored	Participant	09-12-2016 to 10-12-2016	Thiagarajar College of Engineering, Madurai.
62	One Day	Workshop on "The Essential Traits of Teaching Methodologies"	K.L.N College of Engineering	Participant	06-09-2016	K.L.N College of Engineering, Pottapalayam
63	Two Days	FDP on Network	TEQIP-II	Participant	02-09-2016 to	Thiagarajar

		Security Tools	Sponsored		03-09-2016	Thiagarajar College of Engineering, Madurai.
64	Two Days	Workshop on Hadoop and Big Data	TEQIP and IEEE sponsored.	Participant	15-07-2016 To 16-07-2016	Thiagarajar College of Engineering, Madurai.
Academic Year: 2015-16						
65	One week	Faculty Development Programme on CS503-Theory of Computation	Anna University Chennai Sponsored FDP at KLN College of Information Technology	Participant	06-06-2016 to 12-06-2016	KLN College of Information Technology
66	Two Days	Workshop on CS6711 Security Laboratory	KLN College of Engineering, Pottapalayam, Sivagangai.	Resource	24-06-2016 to 25-06-2016	KLN College of Engineering, Pottapalayam, Sivagangai.
Academic Year: 2014-15						
67	One Day	TEQIP sponsored Workshop on "Cyber Security"	Thiagarajar College of Engineering, Madurai.10	Participant	26-03-2014	Thiagarajar College of Engineering, Madurai. 10
Academic Year: 2013-14						

68	One Week	TEQIP sponsored Faculty Development Programme on “IBM System Z Main Frame Computing”	Thiagarajar College of Engineering, Madurai.10	Participant	18-11-2013 to 23-11-2013	Thiagarajar College of Engineering, Madurai. 10
69	One Day	Faculty Development Programme on “IT Infrastructure Services-Data Center Management”	TATA Consultancy Services, Chennai	Participant	14-08-2013	Thiagarajar College of Engineering, Madurai. 10
Academic Year: 2012-13						
70	One Day	Faculty Development Programme on “Mobile Computing”	TATA Consultancy Services, Chennai	Participant	03-08-2012	Thiagarajar College of Engineering, Madurai. 10
71	One Day	National Level Workshop on “Mobile Learning”	Centre for Development of Advanced Computing, Hyderabad.	Participant	21-02-2013	Thiagarajar College of Engineering, Madurai. 10

DETAILS OF ORGANIZED TRAINING ACTIVITIES: (organized FDP/ Seminar/ Workshop) :

S.No	Name of the programme	Duration (with date)	Venue	Sponsored / Self-supported	(If Sponsored) Sponsoring Institute/ Industry	
					Name	Agency
Academic Year: 2020-21						

1.	A Webinar on Intellectual Property Rights and Procedures and Prospects	19.12.2020	K.L.N College of Engineering	Sponsored	IIC	-
Academic Year: 2019-20						
2.	Motivational Webinar on “Mindset and Milestones Ahead of Students community After Covid- 19”	20.05.2020	K.L.N College of Engineering	Sponsored	IIC	-
3.	Webinar on National Education Policy 2020	23.09.2020	K.L.N College of Engineering	Sponsored	IIC	-
Academic Year: 2018-19						
4.	One day Entrepreneurship Awareness Program On “Digital Marketing for Beginners”	One Day 09.04.19	K.L.N College of Engineering	Sponsored	EDC	EDC
5.	IIPC Sponsored Workshop on “Software Testing-Quality Assurance and Agile Methodology”	One day 15.03.19	K.L.N College of Engineering	Sponsored	IIPC	IIPC
Academic Year: 2017-18						
6.	Inauguration of Kani Tamil Paravai Sponsored Digital Library	16.08.17	K.L.N College of Engineering	Sponsored	Kani Tamil Paravai	Kani Tamil Paravai
7.	A One day National level Mobile App Dev Contest	25.1.17	K.L.N College of Engineering	Sponsored	Kani Tamil Paravai	Kani Tamil Paravai
8.	A One day Hands-on Workshop on Android Application Development	1.3.17	K.L.N College of Engineering	Sponsored	Kani Tamil Paravai	Kani Tamil Paravai
9.	A one day National level workshop on website design using open source tools	5.3.17	K.L.N College of Engineering	Sponsored	Kani Tamil Paravai	Kani Tamil Paravai
10.	Seven days AICTE ISTE Sponsored one week training in Creative Learning and	25/04/18 to 27/04/18	K.L.N. College of Engineering	Sponsored	AICTE-ISTE	-

	Innovative Training					
Academic Year: 2016-17						
11.	IIPC Sponsored Twodays Faculty development Programme on Multicore Architecture	Two days 5 /01/2017 to 6/ 01/2017	K.L.N College of Engineering	Sponsored	IIPC	IIPC
12.	One day workshop on EZHIL (Tamil Programming Language Software)	One day 21.03.2017	K.L.N College of Engineering	Sponsored	Kani Tamil Paravai	Kani Tamil Paravai
Academic Year: 2008-2009						
13.	Workshop on RFID in Supply chain management	One day	Velammal Engineering College, Chennai	Sponsored	TIFAC-CORE	Velammal Engineering College, Chennai
14.	National Level Emerging Trends in Mobile Computing Technologies	Two Day	Velammal Engineering College, Chennai	Sponsored	TIFAC-CORE	Velammal Engineering College, Chennai

DETAILS OF RESEARCH PUBLICATIONS IN CONFERENCE:

S.No.	National/ International	Title of the paper	Name of the Conference	Organizing Institute	Date	Area of Publication	Co-Autho r(s)
Academic Year: 2020-21							
1.	International	Augment ed Reality Based Tamil Dictionary Mobile App	Online International Conference Approaches towards evolution of Tamil Computing	Tamil Virtual Academy	10.03.2021 and 11.03.2021	Augmented Reality	-
2.	International	Augment ed Reality based Tamil Language Learning Using Mobile App	Online International Conference Approaches towards evolution of Tamil Computing	Tamil Virtual Academy	10.03.2021 and 11.03.2021	Augmented Reality	-
Academic Year: 2018-19							
3.	International	Efficient Software	Kalasalingam Global	Kalasalingam University	18.12.2020 to	Network Security	K. Aruna

		Defined Networking Using IOT in Edge Computing	Conference KGC-2019		20.12.2020		sakthi,
Academic Year: 2017-18							
4.	International	Smart Intelligent Tracking Camera	AICTE Sponsored International Conference on DESIGN AND APPLICATION OF STRUCTURES, DRIVES, COMMUNICATIONAL AND COMPUTING SYSTEMS ICDASDC-2017	KLN College of Information Technology	13.10.17	Internet of Technology	M.Santhosh
5.	International	A Survey of Distributed Denial of Service (DDoS) Attacks in Cloud Computing Environment	AICTE Sponsored International Conference on DESIGN AND APPLICATION OF STRUCTURES, DRIVES, COMMUNICATIONAL AND COMPUTING SYSTEMS ICDASDC-2017	KLN College of Information Technology	14.10.17	Network Security	M.Sangeetha
Academic Year: 2016-17							

	National	Statistical Approach for Privacy Preservation in Wireless Medical Sensor Network	National Conference on Big Data Analytics and Mobile Technologies	Thiagarajar College of Engineering	24-25 March 2017	Wireless Network Security	M.R Priyanka, B. Samira Basima
	National	End To End Guaranteed Secure And Efficient Video Delivery Through Encrypted In-Network Caching	International Conference on Newer Engineering Concepts and Technology (iConnect2k17)	K.Ramakrishna College of Technology	28 & 29 March 2017	Cloud Security	M.Roja Shree, K.L.N College of Engg.
Academic Year: 2015-16							
	National	Self-Healing System for Extended DDoS Attack	National Conference on Intelligent Systems And Communication (NCISC-2016)	Anna University, MIT Campus, Chennai	23-06-2016 to 24-06-2016	Network Security	Dr.S.Mercy Shalinie, TCE , Madurai
Academic Year: 2014-15							
6.	International	The Protocol Independent Detection and Classification (PIDC)	International Conference on Recent Trends In Information Technology	Anna University, MIT Campus, Chennai	10-12 April 2012	Network Security	Mohana Priya PCSE, TCE, Madurai Mercy Shalinie, S Head and Associate Professor T
Academic Year: 2013-14							

7.	International	Evaluation of Vulnerability in Large Scale Network	International Conference in Engineering and Technology (ICET 2K13)	Sri Venkateswara College of Engineering and Technology	18 - 20, April 2012	Network Security	Prem Paul GCSE,TC E, Madurai Mercy Shalinie, S Head and Associate
Academic Year: 2012-13							
8.	International	Unusual Attack Behavior Analysis For High Rate Flooding Attack	International Conference on Recent Trends in Computer Science and Engineering	Apollo Engineering College, Chennai	May 03, 2012	Network Security	Surenthar, S TCE, Madurai Mercy Shalinie S Head and Associate
9.	International	Proactive Behavior Analysis Of Network Traffic Using	International Conference on Recent Trends in Computer Science and Engineering	Apollo Engineering College, Chennai	May 03, 2012	Network Security	Sheik Mohamud Mubeen, CSE, TCE, Madurai Vijavalak Mercy Shalinie S Head and Associate Professor, TCE, Madurai
10.	International	Probabilistic Neural Network based attack traffic classificat	Fourth IEEE International Conference on Advanced Computing	MIT, Chennai	13-15 Dec. 2012	Network Security	Mercy Shalinie S Head and Associate Professor, TCE, Madurai
11.	International	Design of an Early Response System using EGT-based overlay network	International Conference on Recent Trends In Information Technology	MIT Chennai	19-21 April 2012	Network Security	Namachivayam, D, CSE, TCE, Madurai Prasanna, D Assistant Professor, CSE, TCE, Madurai

DETAILS OF RESEARCH PUBLICATIONS IN JOURNALS:

S.No.	National/ International	Title of the paper	Name of the Journal	Details (ISSN/ISBN/ pp /Month/Year	Area of Publication	Co-Author(s)
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Academic Year: 2017-18						
1	International	Enhanced Video Transmission using Binary Conversion	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	Volume 2 Issue 3 June 17 ISSN:2456-3307	Network Security	Ms.M.Roja Shree K.L.N. College of ENgineering, Madurai
Academic Year: 2015-16						
2	International	A Technical survey on secure video transmission	International Journal of Science Technology and Engineering	Volume 3, Issue 5, November 2016 ISSN (online): 2349-784X	Network Security	Ms.M.Roja Shree K.L.N. College of ENgineering, Madurai
Academic Year: 2014-15						
3	International	A Self-Organising Defense Technique for SSH Dictionary Attacks	International Information Institution	Vol.17, No.2, pp.821-834, 2014.	Network Security	Mercy Shalinie, S Head and Associate Professor, TCE, Madurai
4	International	Design of an Adaptive Distributed Critical-Care Extensive Response Network (AD-CERN) using	International Journal of Sensor Networks	2014	Network Security	Mercy Shalinie, S Head and Associate Professor, TCE, Madurai
Academic Year: 2013-14						

5	International	An integrated approach of E-RED and ANT classification methods for DRDoS attacks	Communications in Computer and Information Science	vol. 467, pp. 369–377. 2014	Network Security	Mohana Priya, P, TCE, Madurai Akilarasu, G TCE, Madurai Mercy Shalinie, S Head and Associate Professor, TCE, Madurai
Academic Year: 2012-13						
6	International	Detecting DRDoS Attack By Log File Based IP Pairing Mechanism	WSEAS Transactions on Computers	vol. 13, pp. 538-548. 2014.	Network Security	Mohana Priya, P TCE, Madurai Mercy Shalinie, S Head and Associate Professor, TCE, Madurai
7	National	Fractal dimension based time delayed neural network for	Journal of the Institution of Engineers (India), Part CP: Computer Engineering Division,	vol. 92, pp. 12–16. 2011	Network Security	Mercy Shalinie, S, TCE Madurai

DETAILS OF MONOGRAPHS DEVELOPED/ BOOKS PUBLISHED:

S.No.	Title	Co-Author(s)	Publisher	Year
1	Technical Resources for Tamil Computing [unit 4 & Unit 5]	-	Tamil Virtual Academy	2019
2	CS8492-Database Management Systems	Dr.M.Ragini AP(Sr.Gr)/CSE		2018
3	IT2403-Software Project Management	Mrs.K.Aruna Sakthi, AP(CSE)	Sruthi Publication	2018
4	GE8151 problem solving and python programming" Regulation 2017 of Anna University Chennai	Mr.G.Prem Paul(CSE)	Charulatha Publication	2017
5	CS6801 Multi-Core Architecture and Programming (8 th Semester R2013)	-	Published in the Two days FDP on Multi-Core Architecture and Programming	2017

Other Distinction/Recognition/Awards:

CERTIFICATION:

1. VM ware Certificate
2. Participated in Digital India Quiz
3. IPR Plagiarism Tutorial
4. Elite Certificate on completion of “Outcome Based Pedagogic Principles for Effective Teaching” NPTEL-AICTE
5. Internship Certificate: Investment Grade Energy Audit 19, TUV SUD Mumbai (Nov 2017 to Feb 2018)
6. Participated On Covid '19 Awareness Program, Organized by UBA, Thiagarajar College of Engineering, Madurai on 06.05.2020
7. Certificate on the Completion on E-Learning Skills Enhancement on 5/5/2020
8. Certificate on the Completion on Moodle Test for Teachers on 02.05.2020 at Guru Nanak Dev Engineering College
9. Certificate of completion on Learn Certified Ethical Hacking from Scratch on Udemy
10. Certificate of Completion on Introduction to Augment Reality AR on Udemy
11. Elite+ Silver Certificate on” patent Drafting for Beginners” NPTEL-AICTE.
12. Certificate of Completion on “The Art of Drawing Cartoon: Baby Viking 2.0 (NEW) on Udemy (Feb, 05, 2022)

ANY AWARDS/APPRECIATION :

1. TCS Research Fellowship (2010-2015)
2. Invited as Judge in Vyuham 16 at technical symposium Paper Presentation
3. IEI Associate Member AM170346-6
4. ISTE Life Member LM123073
5. Certificate of Appreciation From Marti Foundation
6. Certificate of Appreciation From QC-QEC
7. Outstanding Contribution Award for IJSTE - International Journal of Science Technology and Engineering (ISSN:2349-784X)
8. Research Fund Received from QCARD for Project Title “Securing Internet of Things (IoT) with Software Defined Networking (SDN)
9. Research Fund Received from Unnat Bharat Abhiyan for the smart AgriDrone in the field of Sustainable Agriculture system
10. Research Fund Received from MSME IDEA HACKATHON 2022 for Project Title “Smart Assistive Robot for Hearing Impaired Children”
11. Mentor for the MSME IDEA HACKATHON 2022 Research project that entitled as “Automated Bagging Machine for the Oyster Mushroom Cultivation”

OTHER RELEVANT INFORMATION:

1. SPoC of Smart India Hackathon 2018
2. AICTE-ISTE Sponsored One week training Programme on creative learning and innovative teaching methodologies.
3. Consultancy Project for implementing Energy saving Measures TUV.
4. SPoC of Smart India Hackathon 2019

Other Responsibilities taken:

- E-Yantra Project Team Leader
- Research and Development Cell member
- Virtual lab Coordinator
- Discipline Committee block convenor.
- Exam Squad Member