


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			
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EXPERIENCE	INDUSTRY	TEACHING	TOTAL	
	1 year and 7 months	13 years and 1 months	14 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)	8			
NO OF CONFERENCE ATTENDED (INTERNATIONAL/NATIONAL)	19			
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: 2022-23						
1.	40 Hours	FDP on Artificial Intelligence for Computer Vision and Image Processing	Meity and NIT Warangal	Participant	6.06.2022 to 18.06.2022	Online
2.	One Day	Webinar on Build your own startup An Awareness program for Buddy Entrepreneurs	Velammal College of Engineering & Technology	Resource Person	20.03.2022	Online
3.	One Day	Startup Registration for Early Stage Entrepreneurs	We Care Technologies	Resource Person	17.12.2022	Offline
4.	One Week	RESEARCH PAPER AND PROPOSAL WRITING FOR SCIENCE AND ENGINEERING	National Institute of Technical Teachers Training and Research, Bhopal	Participant	31.1.2022 to 04.02.2022	Offline
5.	One Week	Faculty Development Programme on	Guru Jambheshwar University of Science	Participant	07.02.2022 to	Online

		“Artificial Intelligence & Machine Learning”	and Technology		12.02.2022	
6.	One week	Behavioural Assessment of Students	National Institute of Technical Teachers Training and Research, Chennai	Participant	17.10.2022 to 21.10.2022	Online Mode
7.	One week	Biomedical Engineering and IoT in Healthcare	National Institute of Technical Teachers Training and Research, Chennai	Participant	05/12/2022 to 09/12/2022	Online
Academic Year: 2021-22						
8.	2.5 days	NPTEL-AICTE FDP on Patent Drafting for Beginners	NPTEL-AICTE	Participant	Jan-Feb 2022	Online
9.	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
10	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
11	One day	Webinar on the theme of “Changing course, transforming education” during the celebration of “International Day of Education”	Tamil Nadu State Council for Science and Technology, Chennai	Participant	24.01.2022	Online
12	One day	Turnip Innovation Festival 2022	Turnip Innovation	Participant	22.01.2022	Online
13	One week	AICTE-ISTE approved Orientation/Refereshar Programme on	K.L.N. College of Engineering, Pottapalayam, Tamil	Participant	21.01.2022 to	Online

		“Advanced Pedagogy Using Smart Tools”	Nadu		28.01.2022	
14	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
15	2 days	IP Maxima 2021	Innovative Technology Enabling Center (InTEC), CSIR- Institute of Minerals and Materials Technology, Bhubhubaneswar	Participant	07.01.2022 to 08.01.2022	Online
16	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
17	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
18	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

19	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						
20	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
21	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
22	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
23	One Day	Webinar on Computer Basics	Madurai Institute of Social Sciences	Resource Person	12.10.2020	
24	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						
25	One Day	ICT Academy Convergence 2020 (Annual Members Meeting)	ICT Academy	Participant	15.07.20 20	Online
26	One day	MHRD Innovation Cell Leadership Talk with shri R, Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment)	MHRD'S Innovation Cell	Participant	13.06.20 20	Online

27	One day	MHRD Innovation Cell Leadership Talk with Ms. Ashwini Deshpande (Co.Founder& Direct Elephant Design)	MHRD'S Innovation Cell	Participant	06.06.20 20	Online
28	Three days	Enhancing the quality of Academic and Sponsored Research	K.L.N. College of Engineering, Pottapalayam	Participant	04.06.20 20 to 06.06.20 20	Online
29	One day	MHRD Innovation Cell Leadership Talk with Dr.NileshN Oak, Expert (Indian Civilization & History)	MHRD'S Innovation Cell	Participant	30.05.20 20	Online
30	One day	CSI-Student Chapter International Seminar on Big Data Engineering For Analytics	K.L.N. College of Engineering	Participant	25.05.20 20	Online
31	One day	MHRD Innovation Cell Leadership Talk with Dr.Pramod Chaudhari, Founder, Chairman, Praj Industries Limited	MHRD'S Innovation Cell	Participant	16.05.20 20	Online
32	One Day	MHRD Innovation Cell Leadership Talk Prof D.P.Singh, Chairman UGC	MHRD'S Innovation Cell	Participant	09.05.20 20	Online
33	One day	MHRD Innovation Cell Leadership Talk Mr.Shridhar Venkat, CEO (Akshay Patra Foundation)	MHRD'S Innovation Cell	Participant	20.06.20 20	Online
34	One week	AICTE-ATAL Online FDP on Cyber Security	Jawaharlal Nehru University, New Delhi	Participant	26.05.20 20 to 30.05.20	Online

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35	One day	Moodle Learning Management System-Spoken Tutorial Project, IIT Bombay	Guru Nanal Dev Engineering College	Participant	02.05.2020	Online
36	One day	Open Source Tools for Engineering Applications and Projects & Online App Development	Kamaraj College of Engineering and Technology	Participant	30.05.2020	Online
37	Three Days	Fundamentals of Python Programming	K.L.N. College of Engineering	Participant	27.05.2020 to 29.05.2020	Online
38	One day	Webinar on Hierarchy of Cognitive levels Digital Blooms Taxonomy	K.L.N. College of Engineering	Participant	22.05.2020	Online
39	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
40	One Day	Prevention and Protection From Covid'19	K.L.N. College of Engineering	Participant	26.05.2020	Online
41	One day	Webinar on Role of Higher Education Institutions	Shri Govind Guru University, Godhra, Gujarat	Participant	29.04.2020	Online
42	One day	Developing Thinking Abilities Relevant for Engineering Education	FACE	Participant	28.04.2020	Online
43	One Day	Online Workshop on Basics of Machine Learning,	IISER Bhopal (with support of NPTEL, IIT Madras)	Participant	27.04.2020	Online

44	Two Days	International Conference on “Sustainable Development”	Kalasalingam Global Conference KGC 2019	Participant	18.12.2019 & 20.12.2019	Kalasalingam University, Krishnankoil, Virudhunagar
45	One day	Workshop on R	IIT Bombay	Participant	09.10.2019	Kalasalingam University, Krishnankoil, Virudhunagar
46	One day	Workshop on Tamil Computing	Tamil Virtual Academy	Participant	18.10.2019	Tamil Virtual Academy, Chennai
Academic Year: 2018-19						
47	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
48	Three Days	Women'S Economic Empowerment: Enhancing Participation of Women in Economic Development for Achieving Gender Equality and the Advancement of Women “	K.L.N. College of Engineering,	Participant	21.03.19 to 22.03.19	K.L.N. College of Engineering, Pottapalayam
49	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, Pottapala

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50	½ of One week	FDP on Outcome Based Pedagogic Principle for Effective Teaching	NPTEL	Participant	AUG-SEP 2018	-
51	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
52	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
53	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
54	Six Days	AICTE-ISTE Sponsored six days induction/refresher Programme PEDAGOGICAL INNOVATIONS AND BEST PRACTICES FOR SKILL BASED ACADEMIC LEADERSHIP	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, Pottapalayam
55	Three Days	Train the Trainer workshop on “Data	Infosys	Participant	25/07/18 to 27/	K.L.N College of

		Visualization”			07/18	Engineering, Pottapalam
Academic Year: 2017-18						
56	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, Pottapalam
57	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, Pottapalam
58	Seven Days	Smart Mobile App Design	Inside Globe Solution, Tirunelveli	Participant	24.11.17 to 01.12.17	Inside Globe Solution, Tirunelveli
59	Two days	Response website design	A2Z Madurai WECARE TECHNOLOGIES	Resource Person	6.12.17 to 07.12.17	A2Z Madurai, WECARE TECHNOLOGIES
60	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
61	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

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62	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 Informati on Technolo gy
Academic Year: 2016-17						
63	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	Depart ment of Electr onics Engin eering, MIT Camp us, Anna Unive rsity chenn ai
64	One day	Workshop in IoT Using Raspberry Pi	Pantech ProED Private Ktd.	Participant	06.08.17	Pantec h ProED Privat e Ktd.
65	Two Days	Workshop on NS3	K.L.N College of Engineering	Participant	29-12-2016 to 30-12-2016	K.L.N Colleg e of Engin eering, Madur ai

66	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
67	One Day	Workshop on RESEARCH PAPER WRITING	TEQIP II Sponsored	Participant	23-12-2016	Thiagarajar College of Engineering, Madurai.
68	Two Days	ACM Distinguished Speaker Programme	TEQIP-II Sponsored	Participant	09-12-2016 to 10-12-2016	Thiagarajar College of Engineering, Madurai.
69	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
70	Two Days	FDP on Network Security Tools	TEQIP-II Sponsored	Participant	02-09-2016 to 03-09-2016	Thiagarajar College of Engineering, Madurai.
71	Two Days	Workshop on Hadoop	TEQIP and IEEE	Participant	15-07-2016	Thiagarajar

		and Big Data	sponsored.		To 16-07-2016	College of Engineering, Madurai.
Academic Year: 2015-16						
72	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
73	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						
74	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						
75	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
76	One Day	Faculty Development	TATA Consultancy	Particip	14-08-	Thiagarajar

		Programme on “IT Infrastructure Services-Data Center Management”	Services, Chennai	Participant	2013	Thiagarajar College of Engineering, Madurai. 10
Academic Year: 2012-13						
77	One Day	Faculty Development Programme on “Mobile Computing”	TATA Consultancy Services, Chennai	Participant	03-08-2012	Thiagarajar College of Engineering, Madurai. 10
78	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: 2022-23						
1.	IDEA LEVEL PROJECT CONTEST THEME: WOMEN CENTRIC CHALLENGES	06.03.2022	Sethu Institute of Technology	Self-Supported	-	-
Academic Year: 2020-21						
2.	Poster Design Competition on International Women’s Day	08.03.2022	Sethu Institute of Technology	Self-Supported	-	-

3.	Introductory webinar on NMEICT-Virtual labs for Experiential Learning in Technical Institutes	22.02.2022	Sethu Institute of Technology	NIT, Karnataka	Virtual Labs	-
Academic Year: 2020-21						
4.	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						
5.	Motivational Webinar on “Mindset and Milestones Ahead of Students community After Covid- 19”	20.05.2020	K.L.N College of Engineering	Sponsored	IIC	-
6.	Webinar on National Education Policy 2020	23.09.2020	K.L.N College of Engineering	Sponsored	IIC	-
Academic Year: 2018-19						
7.	One day Entrepreneurship Awareness Program On “Digital Marketing for Beginners”	One Day 09.04.19	K.L.N College of Engineering	Sponsored	EDC	EDC
8.	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						
9.	Inauguration of Kani Tamil Paravai Sponsored Digital Library	16.08.17	K.L.N College of Engineering	Sponsored	Kani Tamil Paravai	Kani Tamil Paravai
10.	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
11.	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

12.	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
13.	Seven days AICTE ISTE Sponsored one week training in Creative Learning and Innovative Training	25/04/18 to 27/04/18	K.L.N. College of Engineering	Sponsored	AICTE-ISTE	-
Academic Year: 2016-17						
14.	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
15.	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						
16.	Workshop on RFID in Supply chain management	One day	Velammal Engineering College, Chennai	Sponsored	TIFAC-CORE	Velammal Engineering College, Chennai
17.	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-Author(s)
Academic Year: 2022-23							
1.	International	INTELLIGENT REMOTE PATIENT MONITORING DEVICE USING MACHINE LEARNING	International Conference on Emerging Trends in Information and Communication Technologies(ETICT 2K23),	Sethu Institute of technology	5 th and 6 th April 2023	Internet of Things	Dr.Sivaranjani, Velmani B, Subiksha
2.	International	AN INTERACTIVE VR/AR-	International Conference on Emerging Trends in	Sethu Institute of technology	5 th and 6 th April 2023	Augmented Reality	S.Thilak, C.Pra

		BASED EDUTECH IMMERSIVE ONLINE LEARNING PLATFORM FOR AUTISM SPECTRUM DISORDER(A SD) CHILDREN	Information and Communication Technologies(ETIC T 2K23),				veen , M.Pra sanna Kasi
3.	Internatio nal	SMART WATCH DOG: SMART INTELLIGEN T TRACKING CAMERA	International Conference on Emerging Trends in Information and Communication Technologies(ETIC T 2K23),	Sethu Institute of technology	5 th and 6 th April 2023	Internet of Things and Security	N.Su bash, T.Shi va shank aran, V.Vin othini
4.	Internatio nal	PLANT DISEASE IDENTIFICA TION USING DEEP LEARNING	International Conference on Emerging Trends in Information and Communication Technologies(ETIC T 2K23),	Sethu Institute of technology	5 th and 6 th April 2023	Deep Learning	K.Ar una Sakth i
5.	Internatio nal	STUDENTS SECURITY SYSTEM USING RFID	International Conference on Emerging Trends in Information and Communication Technologies(ETIC T 2K23),	Sethu Institute of technology	5 th and 6 th April 2023	Internet of Things and Security	K.Ar una Sakth i
Academic Year: 2020-21							
6.	Internation al	Augmented 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	Augmente d Reality	-
7.	Internation al	Augmented 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	Augmente d Reality	-
Academic Year: 2018-19							
8.	Internation al	Efficient Software	Kalasalingam Global Conference KGC-2019	Kalasalinga m	18.12.2020 to	Network Security	K. Arun

		Defined Networking Using IOT in Edge Computing		University	20.12.2020		asakt hi,
Academic Year: 2017-18							
9.	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 . S a n t h o s h
10.	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 . S a n g e e t h a
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 P r i y a n k a ,

	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

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
Academic Year: 2014-15						
11.	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
Academic Year: 2013-14						

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12.	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
Academic Year: 2012-13						
13.	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
14.	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
15.	International	Probabilistic Neural Network based attack traffic classificati	Fourth IEEE International Conference on Advanced Computing	MIT, Chennai	13-15 Dec. 2012	Network Security
16.	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

S.No.	National/ International	Title of the paper	Name of the Journal	Details (ISSN/ISBN/ PP /Month/Year)	Area of Publication	Co-Author(s)
Academic Year: 2017-18						
1	International	Minimum Latency-Secure Key Transmission for Cloud-Based Internet of Vehicles Using Reinforcement Learning	Computational Intelligence and Neuroscience	Volume 2022 Article ID 6296841 ISSN 1687-5273	Network Security	V Akilandeswari, Ankit Kumar, S Thilagamani, V Subedha, V Kalpana, Kiranjeet Kaur, Evans Asenso
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 RESEARCH PUBLICATIONS IN JOURNALS:

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.ArunaSakthi,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	CS6801Multi-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)
13. Certificate of Completion on Online Crash Course on Introduction to Embedded System and Robotics-Part of MOOC through the e-Yantra Lab setup Initiative(eLSI)

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”
12. Research Grant Received From Ministry of Consumer Affairs for “Onion Grand Challenge” 2022-2023

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
5. Participated in e-Yantra Innovation Challenge (eYIC) 2022-23 and mentored the Project Echo-sign:An Interactive Tool for Hearing Impaired Children.
6. Participated in e-Yantra Innovation Challenge (eYIC) 2022-23 and mentored the Project Smart Agri Drone for Crop Monitoring With Inflight Charging

Other Responsibilities taken:

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