CURRICULAM VITAE

Name	Dr. S. SENTHILKUMAR, M.E., Ph.D.,
Address	Department of Computer Science and Engineering, University College of Engineering, BIT Campus, (Regional Campus ,A Constituent College of **Anna University Chennai)** Tiruchirappalli-620024.
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Mail Id.	senthilucepkt@gmail.com,
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Google Scholar id	https://scholar.google.com/citations?user=nYogOxAAAAAJ&hl=en
Orcid-id	https://orcid.org/my-orcid?orcid=0000-0003-0602-097X

Academic Qualifications

Degree	Specialization	University	Year	Class
Ph.D.	Information & Communication Engineering	Anna University, Chennai.	2015	-
M.E.	Computer Science and Engineering	**College of Engineering, Guindy (CEG) Anna University, Chennai.**	2005	FIRST
M.C.A	Master of Computer Applications	Bharathidhasan University, Trichy	1998	FIRST

Teaching Experience

S.No.	Institution	Department	Designation	Period
01	**University College of Engineering, BIT Campus, Tiruchirappalli. (Anna University Chennai)**	Computer Science and Engineering	Assistant Professor	12-07-2023(AN) To Till date
02	University College of Engineering, Pattukkottai (Anna University Chennai)	Computer Science and Engineering	Assistant Professor	11-12-2009 To 12-07-2023 (FN)
03	Thiruvallur College of Engineering and Technology, Vandavasi.	Computer Science and Engineering	Assistant Professor	16-06-1999 to 10-12-2009

Additional Responsibilities

Responsibility	From	To
Head of the Department	2015	2023
Core Committee Member	2022	2023
CO-ORDINATOR - UNNAT BHARAT ABHIYAN (UBA)	2021	2023
Deputy Warden (Boys Hostel , UCE PKT)	2017	2018
Co-ordinator AICTE Approval Process	2020	2023
Exam Cell CO-ORDINATOR	2017	2018
EDU-SAT CO-ORDINATOR	2015	2023
SPOC-NPTEL SWAYAM	2018	2023
NBA Institute Coordinator	2023	Till date
Web Administrator	2025	Till date

Research Guidance

Ph.D. Scholars Guided	Ph.D. Scholars Thesis Submitted	No. of Ph.D. Scholars on Going
07	-	04

List of Research Scholars who have completed their Ph.D. / M.S (By Research)

S.No	Degree	Name of the Scholar	Reg. No.	Title of the Thesis	Viva Date
1.	Ph.D.	Sivaram P	7076062143	THE STUDIES ON CERTAINTY OF OPERATIONS FOR CONTINUOUS RUN OF VEHICLES ON ROAD ENVIRONMENT USING VANET WITH EFFICIENT EVENT NOTIFICATIONS	04.10.2017
2.	Ph.D.	Thiyagarajan P	17144597211	A FRAME WORK OF OPTIMIZED ENERGY CONSUMPTION TECHNIQUES FOR EFFICIENT DATA COMMUNICATIONS IN MOBILE ADHOC NETWORKS	08.07.2020
3.	Ph.D.	Anitha Josephine J	17244597412	A FRAMEWORK ON TRUST MANAGEMENT TECHNIQUES FOR OPTIMAL SECURE COMMUNICATIONS IN MOBILE ADHOC NETWORKS	28.07.2021
4.	Ph.D.	Peer Mohamed Ziyath S	17144591408	AN EMPIRICAL STUDY ON OPTIMAL RESOURCE SCHEDULING TECHNIQUES FOR CLOUD INFRASTRUCTURE SERVICES	20.12.2021
5	Ph.D.	Surendar U	1744597259	INVESTIGATION AND OPTIMIZATION OF MIMO ANTENNA USING DIFFERENT MEANDER LINE AND ASYMMETRIC SRR CONFIGURATIONS FOR ADVANCED WIRELESS COMMUNICATION SYSTEMS	19.02.2022
6	Ph.D	Sudhakar.K	21144591131	A NOVEL DETECTION OF INTRUSION ATTACKS USING MACHINE LEARNING TECHNIQUES IN INDUSTRIAL IoT	10.08.2023
7	Ph.D.	Nithya V	17234591326	A DETECTION OF INPUT VALIDATION ATTACKS IN WEB APPLICATIONS USING HYBRID ANALYSIS AND MACHINE LEARNING TECHNIQUES	20.06.2025

Research Fundings Projects

Sl. No.	Project Scheme	Sanctioned No. & Date	Role	Funding Agency	Amount	Status
01.	Mission Amrit Sarovar –Jal Dharohar Sanrakshan (MAS-JDS) Internship	1-1 /NEAT/AMRIT/ 2022-23/AMS-MDS/312 Dated:22nd Aug 2022	Institution Nodal Officer (INO)	AICTE	Rs.2,00,000	Completed

| 02 | Chief Minister Research Grant(CMRG) 2024-25 | CMRG/3005/H3 /2024/050, Date16.07.2025 | Co-Investigator (Co-PI) | DOTE Government of Tamilnadu | Rs.11,39,000 | On Going |

Student Funded Project

S.No	Project Name	Title	Students	Role	Funding Agency	Amount	Status
01	CSRC Student Innovative Project	AI-Driven Intrusion Detection System(IDS) for Cyber Security in Electrical Substations	V.Arunkumar A.Mruthulanii	Mentor	Centre for Sponsored Research and Consultancy, Anna University Chennai	Rs.15,000	Completed

Publication List

Sl.No.	Title of Paper	Authors	Name of the Journal	Volume & Issue	Year of Publication
1.	Design of Asymmetric Metamaterial 8-Circular Element Array Antenna for 5G MIMO Applications	B. Rajesh **S. Senthilkumar** U.Surendar J. William	Brazilian Journal of Physics **SPRINGER (Q3)**	**Vol 54 , issue 201, PP 1-8**	2024
2.	Streamlining Detection of Input Validation Attack types through Hybrid Analysis and Machine Learning	Nithya V, **Senthilkumar S** Regan R	SADHANA Indian Academy of services **SPRINGER(Q2)**	**Vol 138 , issue 138**	2024
3.	Weibull Distributive Feature Scaling Multivariate Censored Extreme Learning Classification for Malicious IoT Network Traffic Detection	**Senthilkumar S,**Sudhakar K	IETE Journal of Research **Taylor &Francis(Q1)**	VOL 70, ISSUE 3, Pages 2741-2755	2024
4.	CROP YIELD PREDICTION USING MACHINE LEARNING	N Chithra **S Senthilkumar** C M Arun Kumar S Rajalakshmi	GRADIVA REVIEW JOURNAL	Volume 10 Issue 7 350-354	2024

No.	Title	Authors	Journal	Volume/Issue	Year
5.	Secure Data Transmission in IoT Networks using Deep Learning Techniques	N Chithra **S Senthilkumar** C M Arun Kumar S Rajalakshmi	High Technology Letters	Volume 30, Issue 8	2024
6.	Shaping The Future: A Literature Review On Machine Learning Applications For Predicting Cancer Recurrence	**S Senthilkumar** N Satheeshkumar	The **Seabold** Report Journal(TSRJ)	Volume 19, Issue 1	2024
7.	Survey on Human Activity Recognition	M. Ananda Kumar **S. Senthilkumar,** S. Rajalakshmi	TechnischeSicherheit(Technical Security)	Volume 23, Issue 11, PP 262-268	2023
8.	Machine Learning Based Industrial Engineering with 6G Technology	**Senthilkumar S,**Sudhakar K	Journal of Pharmaceutical Negative Results	Vol. 13, Special issue 09, pp. 372-385	2022
9.	A Compact Phased Array Antenna for 5G MIMO Applications	**Senthilkumar S,**Surendar U	Wireless Personal Communications, **SPRINGER(Q2)**	Vol. 128, issue 03, pp. 2155-2174	2022
10.	A Novel approach for Network Vulnerability Analysis in IIoT	**Senthilkumar S,**Sudhakar K	Computer Systems Science & Engineering (CSSE)	Vol. 45, issue 01, pp. 263-277	2022
11.	A Dual-polarized Metamaterial Spiral MIMO Antenna for 5G applications	**Senthilkumar S,**Surendar U	Applied Physics A Materials Science & Processing, **SPRINGER(Q2)**	Vol. 128, issue 07, pp. 607	2022
12.	An Improved Q-Learning-BasedScheduling Strategy with Load Balancing for Infrastructure-Based Cloud Services	**Senthilkumar S,**S.peerMohamed Ziyath	Arabian Journal for Science and Engineering, **SPRINGER(Q1)**	Vol. 47, issue 08, pp. 9547-9555	2021
13.	Design of Low-Cost Miniaturized Metamaterial-BasedCircular Split-Ring Monopole Radiating System for LTE Applications	**Senthilkumar S,**Surendar U	Journal of Circuits, Systems and Computers, **World Scientific Publishing** Company(Q3)	Vol. 30, issue 13, pp. 215-233	2021
14.	A Compact Meta material-Based Open-Ended CPW Band-Pass Filter for Wireless Applications	**SenthilkumarS,**Surendar U	Arabian Journal for Science and Engineering, **SPRINGER(Q1)**	Vol. 47, issue 03, pp. 3473-3480	2021
15.	Tanimoto Support Vector Regressive LinearProgram Boost Based Node Trust Evaluation for Secure Communication in MANET	**Senthilkumar S**, J Anitha Josephine	Wireless Personal Communications, **SPRINGER,(Q2)**	Vol. 117, issue 04, pp. 2973-2993	2021

16.	WifiEnabledHomeAutomationUsingESP8266	**Senthilkumar S,**FarhanaJ	International Journal of Computer Science,	Vol. 9, issue 01, pp. 2586-2590	2021
17.	The Study on Static and Dynamic Energy Efficient Optimization Techniques in MANET	**Senthilkumar S,**Thiyagarajan P	International Journal of Scientific & Technology Research,	Vol. 9, issue 01, pp. 1779-1783	2020
18.	Statistical Markov Model Based Natural Inspired Glowworm Swarm Multi-Objective Optimization for Energy Efficient Data Delivery in MANET	**Senthilkumar S,**Thiyagarajan P	**Information Technology and Control**, Kaunas University of Technology.(Q2)	Vol. 49, issue 02, pp. 433-447	2020
19.	Power efficient Memetic Optimized and Adjacent Exponentially Distributed Routing in Mobile AdHoc Networks	**Senthilkumar S,**Thiyagarajan P	**COMPUTER COMMUNICATIONS, ELSEVIER(Q1)**	Vol. 150, pp. 209-215	2020
20.	MHO: Meta heuristic optimization applied task scheduling with load balancing technique for cloud infrastructure services	**Senthilkumar S,** S. peer Mohamed Ziyath	Journal of Ambient Intelligence and Humanized Computing, **SPRINGER(Q1)**	Vol. 12, pp. 6629-6638	2020
21.	Detection and Avoidance of Input Validation Attacks in Web Application Using Deterministic push down Automata	**Senthilkumar S,**Nithya V	Journal of Automation and Information Science (Q4)	Vol. 51, issue 9	2019
22.	Vanet Based Event Notifications: In-Vehicles' Internal And External-Certainty Of Operations To Provide Continuity Of Travel On The Road Environment	Sivaram P, **Senthilkumar S**	International Journal of Pharmacy & Technology	Vol 9, issue 1, pp. 28715-28727	2017.
23.	A Detailed Study on Security Services in Cloud Environment	Rajakumar S, Anakath.A.S, **Senthilkumar S**	IEEE Second International Conference on Recent Trends and Challenges in Computational Models	pp. 13-18,	2017
24.	Second Minimum Weight Spanning Tree of A Network with Triangular Intuitionistic Fuzzy Number As EdgeWeight	S.IsmailMohideen, Rajesh B, **Senthilkumar S**	International Journal of Engineering Research & Technology	Vol. 4, pp. 41-41	2016
25.	An Efficient On the Run in-Vehicle Diagnostic and Remote Diagnostics Support System in VANET	Sivaram P **Senthilkumar S**	Middle-East Journal of Scientific Research	Vol. 24, pp. 3542-3553	2016

26.	Event Notification in VANET with Traffic Congestion Detection and Congestion Avoidance	Sivaram P **Senthilkumar S**	International Journal of Printing, Packaging & Allied Sciences	Vol. 4, pp. 580-591	2016
27.	A Survey on Trust Management for Mobile AdHoc Networks	Satyajothi J **Senthilkumar.S** Rajesh.B	International Journal of Engineering Research & Technology,	Vol. 4, pp. 68-75	2016
28.	A Novel Routing algorithm for selfish node detection for optimal data transmission in Mobile Adhoc Network	**Senthilkumar S** J.William	AsianJournalofInformationTechnology,Medwell Journals.	Vol.15, pp. 378-383	2016.
29.	A distributed framework for detecting selfish nodes in MANET using Record- and Trust-Based Detection (RTBD) technique	**Senthilkumar S,** William Johnson KarthikeyanSubramaniyan	EURASIP Journal on Wireless Communications and Networking, **SPRINGER(Q2)**	Vol. 205, pp. 1-10	2014
30.	A Detailed Study of Data Replication Techniques in MANET	**Senthilkumar S** William J	International Journal of Applied Engineering Research	Vol. 09, pp. 22435-22445	2014
31.	Performance Evaluation of MANET Using Static and Dynamic Data Replication Strategies	**Senthilkumar S** William J	International Journal of Applied Engineering Research,	Vol. 10, pp. 13097-13108	2014
32.	A Survey on Reputation Based Selfish Node Detection Techniques in Mobile AdHoc Network	**Senthilkumar S** William J	Journal of Theoretical and Applied Information Technology,	Vol. 60, pp. 208-215	2014
33.	A comparative survey of routing protocols in mobile	**Senthilkumar S,**Ananthampillai	Elixir Comp. Sci. &Engg,	Vol. 37, pp. 4106-4108	2011

Patent List

Sl.No	Authors	Patented Title	Application No &Date
1	Dr.S.Senthilkumar Dr. R.Arun Prakash Dr. P.Karthikeyan Dr. K. Saravana Kumar Dr. S Rajalakshmi	DEEP LEARNING-BASED MEDICAL IMAGING DEVICE FOR REAL-TIME DIAGNOSIS	Grant Design No. 448257-001 Date : 20/02/2025
2	Dr.Senthilkumar S Dr.Ravimaran.S Dr.Arunprakash.S Dr.R.Regan	Intelligent Cyber Security Monitoring Platform with Anomaly Detection Capabilities	202441067615 06-09-2024

| 3 | Dr.Senthilkumar S
Dr.R.Regan | Modern Education Learning Possibilities Using Blockchain and Artificial Intelligence Technology | 2022A40135076
22-07-2022 |
| 4 | Dr.Amirtha Saravanan,
Dr.Senthilkumar S | Method of Securing Visual Data Transmission through Visual Cryptography | 2019401039142
27-09-2019 |

Books Chapter Edited

Sl.No.	Authors	Book Title	Publisher Details
1.	Dr.S.Senthilkumar, PonnusamySivaram	Perspectives on Social Welfare Applications Optimization and Enhanced Computer Applications	IGI Global Publisher https://www.igi-global.com/book/perspectives-social-welfare-applications-optimization/313033

Books Published

Sl.No.	Authors	Book Title	Publisher Details
1.	Dr.S.Senthilkumar Ms.M.Ambika Dr.R.Arunprakash Dr.S.Rajalakshmi	Foundation of data Science	COSMOS SCIENTIFIC PUBLICATIONS ISBN:978-93-6096-390-3
2.	Dr.J.Paranthaman, Dr.S.Senthlkumar, Mr.A.Ramachandran	Information Management	Sri Krishna Hi-tech Publishing Company.
3	Dr.S.SenthilKumar, Dr.S.Anakath	Information Technology Essentials	Sri Krishna Hi-tech Publishing Company
4	Dr.S.SenthilKumar, Dr.S.Anakath, Ms.V.Nithya	Information Technology Essentials – Lab Manual	Sri Krishna Hi-tech Publishing Company

Book Chapter Published

Sl.No.	Authors	Title of Chapter	Publisher Details
1.	C.M. Arunkumar **S. Senthilkumar** C.Kavitha	Internet of things based smart health and attendance monitoring system in an institution for COVID-19	Academic Press **ELSEVIER** Inc.2024
2.	C. N. S. VinothKumar R. Naresh **S. Senthilkumar**	Secured Smart Meal Delivery System for Women 's Safety	**IGI Global Publisher 2024**

3.	C. N. S. VinothKumar R. Naresh **S. Senthilkumar**	The Automated Fire Safety Integration System With Digital Twin Technology Using Sensors	**IGI Global Publisher 2024**
4.	R. Naresh, K. Lakshmi Narayanan, C. N. S. VinothKumar**,** **S. Senthilkumar**	A Routing in VANET Towards Smart Business Cities Using Optimization Techniques	**IGI Global Publisher 2024**
5.	**S.Senthilkumar**, J.AnithaJospjine, R.Rajkumar, C.M.Arun Kumar	An Optimal and Authentic Communication System Based on Authorization Card Repudiation to Perform a Secure Data Communication in MANET	On Internet of Things. **SPRINGER. 2023**
6.	**S.Senthilkumar,** J.AnithaJospjine, R.Rajkumar, C.M.Arun Kumar	Detection of Authorized Nodes to Provide an Optimal Secure Communication in Amalgamated Internet MANET	On Internet of Things. **SPRINGER. 2023**
7.	**S.Senthilkumar**, S. Peer MdZiyath, R.Rajkumar, C.M.Arun Kumar	NEORS - Novel Efficient and Optimal Resource Scheduling Technique for Cloud Infrastructure Services	On Internet of Things. **SPRINGER. 2023**
8.	**S.Senthilkumar**, S.Ambika, A.S.Anakath, S.Rajakumar	Centralized key distribution protocol using identity-based encryption techniques in cloud computing environments On Secure Data Management for online Learning Applications	CRC Press, **Taylor and Francis. 2023**
9.	**Senthilkumar S**, R Regan, Thiyagarajan P, Venkatachalam	Semi-Supervised Machine Learning Algorithm for predicting Diabetics using Big Data Analytics	On Business Intelligence for Enterprise Internet of Things. **SPRINGER**
10.	SurendarU, **Senthilkumar S**, William Johnson	Planar Metamaterial-Inspired Circular Ring Antenna With Neutralization Lines for Dual-Band Applications, Hand book of Research on Design, Deployment, Automation, and Testing Strategies for 6GMobile Core Network**,**	**IGI Global Publisher**
11.	**Senthilkumar Subramanian**, Nithy aVenkatachalam, Re gan Rajendran	A Novel Phishing Attack Prediction Model With Crowdsouring in Wireless Networks	**IGI Global Publisher**
12.	R. Naresh, S. Arunthathi, C. N. S. Vinoth Kumar, **S. Senthilkumar**, N. Deepa	Analysis of Fetus Image Using 2D Ultrasound Images	**IGI Global Publisher**

13.	DelshiHowsalya Devi, Naresh R., C. N. S. Vinoth Kumar, **Senthilkumar S**., AsisJovin	Depression and Mood Monitoring for Pregnant Women Using IoT-Based Wearables	**IGI Global Publisher**

International Conference Publications:

Sl.No.	Title	Organizer	Dated
1.	Optimization of Page rank algorithm using Parallelization Methods	(IC-RACT 2022) Amity School of Engineering, Amity University, Mumbai	11th March, 2022
2.	A Survey of Optimization in Multi-classification from A Machine Learning Perspective	AICTE Sponsored Virtual International Conference on Impact of IoT and Machine Learning in Mechanical Engineering, ICIIMLME'21	3rd & 4th August, 2021
3.	A Comprehensive Analysis of Machine Learning Techniques for Securing IOT	International E-Conference on Recent Advances in Computation, Communication, Internet of Things and Artificial Intelligence, ICRACIA-2021	March, 2021.
4	Detection and Avoidance of Gray Hole and Black Hole Attacks in Mobile Ad-hoc Networks(MANET) using Trust based Clustering	International Conference on Multidisciplinary Research, ICMR'19	March,2019
5	URL based Phishing Detection System using Phishing Alarm	National Conference on Deep Learning – Medical Applications	16th March, 2019.
6	An Improvised Scheme for Web Cross-Site Request Forgery based on Support Vector Machine Bench marking Approach	InternationalConferenceonComputing,CommunicationandDrasticInnovationsinEnergyThrive,IC3DIET-18	2018.
7	An Energy Saving ApproachinMobileAd-hocNetworks(MANET)	InternationalConferenceonDiscreteMathematics&DataSciences,ICDMDS'18	28th & 29th September,2018
8	A Study of Input ValidationAttacks(IVAs)inWebApplication	InternationalConferenceonDiscreteMathematics& Data Sciences,ICDMDS'18	28th & 29th September,2018
9	Double Negative MaterialBased Miniaturized Passive Planar S-Shaped Radiator	International Conference onAdvancesin ElectricalandComputerTechnologies,ICAECT-2020	12th June,2018
10	AnEfficientMutualAuthentication Scheme with Secure Key Exchange in Cloud Based E-health System	IEEEIndicom 2018,BVICAM – NewDelhi	15th-17th March,2018
11	Trust Classification, TrustAttacksandTrustSecuredSolutionsinMobileAd-hocNetworks	InternationalConferenceonInnovationsinEngineeringTechnologyandScience,ICIETS'18	March,2018

12	AStudyofTrustManagementTechniques in Mobile Ad-hoc Networks	International Conference on Innovations inEngineeringTechnologyand Science,ICIETS'18	March, 2018
13	A Study of Trust ManagementTechniques in MANET	National Conference on Recent Innovations in EngineeringandScience,NCORIES-2K18	2018
14	PredictingWebApplicationVulnerability using Machine Learning and Hybrid Analysis	National Conference onRecentInnovations in EngineeringandScience, NCORIES-2K18	2018
15	An Efficient Secure E-HealthSysteminCloudBasedIoTNetworkUsingTwoWayAuthentication	CDAMIES-2018, Department of Production Engineering, National Institute of Technology, Tiruchirappalli, Tamil Nadu	18th-20th January, 2018
16	A Detailed Study on Security Services in Cloud Environment	International Conference on Recent Trends and challenges in Computational Models, IEEE Xplore Digital Library, University College of Engineering, Tindivanam.	Feb 2017
17	An Efficient Cloud Security toTelemedicine Services for Health Care Organizations	International ConferenceonCurrentTrendsinBiotechnology(ICCB-2016),VITUniversity,Vellore.	08th-10th December2016

Events Organized:

Sl.No.	Event	Title	Date
1.	FDP	"Mobile Computing", Department of CSE, University College of Engineering, Pattukottai	28.11.2018 to 11.12.2018
2.	National Conference	Recent innovations in Engineering and Science (NCORIES2K18)" University College of Engineering, Pattukottai	06.04.2018
3.	FDP	"Distributed Systems", Department of CSE, University College of Engineering, Pattukottai	30.11.2015 to06.12.2015
4.	FDP	"HIGH SPEED NETWORKS", Department of CSE, University College of Engineering, Pattukottai	09.12.2013to 15.12.2013

NITTR 8 Modules

Module	Course	Status
MODULE 1	Orientation towards Technical Education & Curriculum Aspects.	
MODULE 2	Professional Ethics & Sustainability.	
MODULE 3	Communication Skills and Knowledge Dissemination	

MODULE 4	Instructional Planning and Delivery	**COMPLETED**
MODULE 5	Technology Enabled Learning and Life-long self-learning	
MODULE 6	Student Assessment and Evaluation	
MODULE 7	Creative Problem Solving, Innovation and Meaningful research and development	
MODULE 8	Institutional Management & Administrative Procedures	

NPTEL FDP Courses

S.No	Course Name	Duration	Year	Status
01	Data Mining	8 Weeks	2021	**Completed**
02	Cloud Computing	12 Weeks	2022	**Completed**
03	Internet of Things(IoT)	12 Weeks	2023	**Completed**

Events Attended

Sl.No.	Event	Title	Date
1	FDP	"Data Mining" organized by NPTEL-AICTE	Feb – Apr, 2021
2	FDP	"Cutting Edge Trends in Deep Learning Approaches" in KonguEngg College,Erode	07.12.2020 to 22.12.2020
3	STP	Applied Statistics for Bio informatics and Computational Biology Solutions using R and Bioconductor", Bannari Amman Institute of Technology, Sathyamangalam	04.09.2017 to22.09.2017
4	FDP	Soft Skills Technologies and Research, Department of ECE, Sri Ramakrishna Engineeering College, Coimbatore	08.06.2015to21.06.2015
5	Seminar	Recent Trends in Mathematics", Department of Mathematics, University College of Engineering, Pattukottai	27.03.2015
6	FDP	"High Speed and Mobile Networks", Department of ECE, BIT Campus, Tiruchirappalli	05.08.2013 to 11.08.2013
7	FDP	"Digital Image Processing", Department of CSE, BIT Campus, Tiruchirappalli	23.07.2013 to 31.07.2013
8	FDP	"Data Ware housing and Datamining", Department of CSE, University College of Engineering, Pattukottai	24.06.2013 to 30.06.2013
9	STP	"Cloud Computing Technologies in RCC", Anna University, Chennai	01.04.2013 to 13.04.2013
10	FDP	Technical Skills and Smart Room Tools, Centre for Faculty Development, Anna University, Chennai	07.01.2013
11	Workshop	"NS2 Simulator", Department of IT, Kongu Engineering	17.09.2011 to 18.09.2011

		College, Perundurai	
12	FDP	"Programme on Algorithms and Complex Theory".Dept.ofComputer Application,PRECThanjavur	31.05.2011 to 04.06.2011
13	STP	"JAVA in CPDE", Anna University, Chennai	25.09.2000 to 14.10.2000
14	International Conference	InternationalConferenceonEvolutionaryComputingforComputer,Communication, Control and Power (ECCAP 2000)" in Crescent Engineering CollegeCLRI,Chennai,	04.01.2000to 07.01.2000

Guest Lectures Delivered

Sl.No.	Title	Organization	Date
1.	AICTE Training and Learning (ATAL) FDP Programme on Introduction to Containers and Dockers	Sri VenkateswaraColllege of Engineering and Technology Puducherry	03.02.2025
2.	AICTE Training and Learning (ATAL) FDP Programme on AI on Healthcare	Nehru Institute of Technology Coimbatore	02.09.2024
3.	Logical reasoning in Artificial Intelligence	The institution of Engineers (India) - Tiruchirappalli	09.01.2024
4.	Data Science with Machine learning Technologies	PeriyarManiyammai University Institute of Science & Technology, Thanjavur	18.10.2023
5.	Data Science and AI Technologies in Climate Change Prediction	Saranathan Engineering College Tiruchirappalli	26.09.2023
6.	Emerging Technologies through Cloud Environment	Arasu Engineering College, Kumbakonam	14.09.2021
7.	AICTE Training and Learning (ATAL) Academy Sponsored online Faculty Development Programme on "Research Management in Cloud"	EGS Pillay Engineering College, Nagapattinam	18.08.2021
8.	"AICTE STTP Series – I on Cognitive Radio Wireless SensorNetworks: Applications, Challenges and Research Trends"	Vivekanandha College of Engineering for Women, Tiruchengode	21.07.2020
9.	Operating Systems	Kings College of Engineering, Thanjavur	12.03.2018
10.	Design and Analysis of Algorithm – "Back Tracking	AnjalaiAmmalMahalingam Engineering College, Koyilvenni	18.11.2017
11.	"Recent Trends in Computer Science and Technology"	Kings College of Engineering, Thanjavur	04.08.2017

			03.10.2016
12.	NS3 Simulator	University College of Engineering, Panruti	03.10.2016
13.	Cloud Computing and its Issues	University College of Engineering, Thirukkuvalai	11.06.2016
14.	Programming and Data Structures-II	Kings College of Engineering, Thanjavur	29.08.2015

International Conferences Session Chair

S.No.	Name of the Conference	*Sponsored by*	Venue	Date
1	6th IEEE Sponsored International Conference on Inventive Research in Computing Application	IEEE Madras Section	RVS College of Engineering and Technology Coimbatore	25-27, June 2025
2	Third IEEE Sponsored International Conference on Electrical, Electronics, Information and Communication Technologies (IEEE ICEEICT 2024)	IEEE Madras Section	K. Ramakrishnan College of Engineering, Tiruchirappalli, Tamil Nadu	24 - 26, July 2024.
3	IEEE International Conference on Communication and Control Engineering (ICCCE 2016)	-	University College of Engineering Villupuram	29-30, December 201