

# Curriculum Vitae

**Dr. J.Naskath, B.E.,M.E.,Ph.D.,**

Assistant Professor (Sr.Grade),  
Computer Science & Engineering Department,  
National Engineering College , Kovilpatti ,  
Tuticorin District, Tamilnadu-628503.

[naskath.phd@gmail.com](mailto:naskath.phd@gmail.com)

91-9894800982



## Educational Qualification:

Degree	Programme and Specialisation	Class /CGPA	Month &Year of Passing	Institute/University
Ph.D	Information and Communication Technology	I class with Distinction	April ,2021	Anna University, Chennai
M.E	Computer Science & Engineering	I class with Distinction	April ,2011	Anna University, Chennai
B.E.	Computer Science & Engineering	I class with Distinction	April ,2005	Anna University, Chennai

## Working Experience:

Institution/ Organization	Designation	Period	
National Engineering College, Kovilpatti.	Assistant Professor (Senior Grade)	2013	Till date
	Assistant Professor	2011	2013
	Lecturer	2006	2009
PET Engineering College, Vallioor.	Lecturer	2005	2006

## Courses taught:

Course Title	U.G. / P.G.
Advanced Computer organization and Architecture ,Operating System, Management Information System, Object oriented analysis and Design & Green Computing	P.G
Software Engineering, Computer Networks Operating System, Object oriented analysis and Design, Environmental Science and Engineering, Cryptography and Network Security, Mobile and Pervasive Computing, Professional Ethics and Human	U.G

### Patent Published:

Application No.	Patent Title	Status
Patent Application 202041007420	Smart waste collecting bin	Patent published and First Examination submitted

### Sponsored Projects:

Agency Name	Project Title	From	To	Status	Amount(Rs.)
New Gen IEDC : New Generation Innovation and Entrepreneurship Development Centre, Ahmadabad	Smart Trash Bin Management system using IoT	Dec 2018	Dec 2019	Completed	2.5 lakhs
	<b>Automated Cast trolley for Isolated Patients</b>	<b>Oct 2021</b>	<b>Oct 2022</b>	<b>Ongoing</b>	<b>2.5 lakhs</b>
	Smart Aquarium	Dec 2021	Dec 2022	Ongoing	2.5 lakhs
	<b>Smart Bicycle</b>	<b>June 2022</b>	<b>June 2023</b>	<b>Ongoing</b>	<b>2.5 lakhs</b>
	Fowler COT for bed bound patients	June 2022	June 2023	Ongoing	2.5 lakhs

### Published International Journals (SCI / Scopus Indexed/Peer Reviewed Journals):

International Journals	
1.	<b>J.Naskath</b> , “Design Secure Connectivity Protocol to mitigate malicious activity using Game Theory in VANET” , Periodico Di Mineralogia, Volume 91, No. 5, 2022.[ <a href="#">SCI Indexed</a> ]
2.	Mohamed Rilwan Hussain. M, Infant Anto Edin. , <b>Dr.J.Naskath</b> , “INSTITUTIONAL CALLER APPLICATION”, International Journal of Trendy Research in Engineering and Technology Volume 6, Issue 5, October 2022, ISSN NO 2582-0958.[ <a href="#">Peer Reviewed</a> ]
3.	Nisha B, <b>J. Naskath</b> , Soundaryaa S, Thaila Shree S and A. Shali, “SCHEDULING ALGORITHMS IN OPERATING SYSTEMS: A CASE STUDY”,International Journal of Advance and Innovative Research,Volume 9, Issue 2 (XV), June 2022.[ <a href="#">Peer Reviewed</a> ]
4.	Harini Vasaki M, Kamala Harini R, Ganthimathi V, and <b>Naskath J.</b> ,"An IOT Based College Bus Trailing and Surveiling System" , AIP Conference Proceedings 2444, 070001, <a href="https://doi.org/10.1063/5.0078357">https://doi.org/10.1063/5.0078357</a> , March 2022. [ <a href="#">Scopus Indexed</a> ]
5.	Muthukaviya S, Ragha Shree, Rajeswari S, Shree Vardhini V, and <b>Naskath J</b> , “IoT Based Trolley for Isolated Patients", AIP Conference Proceedings 2444, 070003 (2022); <a href="https://doi.org/10.1063/5.0078361">https://doi.org/10.1063/5.0078361</a> , March 2022.[ <a href="#">Scopus Indexed</a> ]

6.	<b>Naskath, J.</b> , Paramasivan, B., Mustafa, Z. et al., Connectivity analysis of V2V communication with discretionary lane changing approach. Journal of Supercomputing, (springer), <a href="https://doi.org/10.1007/s11227-021-04086-8">https://doi.org/10.1007/s11227-021-04086-8</a> ,2021. <b>[SCI Indexed]</b>
7.	Shunmugapriya, B., Paramasivan, B., Ananthakumaran, S. <b>J.Naskath</b> ,Wireless Body Area Networks: Survey of Recent Research Trends on Energy Efficient Routing Protocols and Guidelines. Wireless Personal Communication (springer), <a href="https://doi.org/10.1007/s11277-021-09250-0">https://doi.org/10.1007/s11277-021-09250-0</a> , 2021. <b>[SCI Indexed]</b>
8.	<b>J.Naskath</b> &B.Paramasivan,“A study on modeling vehicles mobility with MLC for enhancing Vehicle-to-vehicle connectivity in VANET”, Journal of Ambient Intelligence and Humanized Computing, (springer), 2020. <b>[SCI Indexed]</b>
9.	<b>Naskath Jahangeer</b> , Deepa Lakshmi, Balasubramanian Pramasivan, Hamza Aldabbas, & Abdullah Bajahzar , “Handover Techniques Routing Protocols and mobility management schemas for Vehicular Ad-hoc Networks – A Review”, International Journal of Advanced Science and Technology,Volume 29,Issue 04,Pages6134-6142,2020. <b>[Scopus Indexed]</b>
10.	J.Janofer Ibrahima, <b>J.Naskath</b> , S.Lakshmi Prabha, B.Paramasivan, ‘Phone Directory Using Mobile Application’, International Journal of Scientific & Technology Research, Volume 9 - Issue 3, March 2020 Edition - ISSN 2277-8616. <b>[Scopus Indexed]</b>
11.	G. Soundarya,S. Preethi, <b>J.Naskath</b> , ‘Trucker’s Succoura Mobile Application for Backing Truck Drivers’, International Journal of Recent Technology and Engineering (IJRTE)ISSN: 2277-3878, Volume-9Issue-1, May2020. <b>[Scopus Indexed]</b>
12.	R.Nivetha, S.Preethi, P.Priyadharshini, B.Shunmugapriya, B.Paramasivan, <b>J.Naskath</b> ,‘Smart Health Monitoring System using IoT for assisted living of senior and challenge people’, Scopus Indexed journal of International journal of scientific and technology research, Feb 2020. <b>[Scopus Indexed]</b>
13.	<b>J.Naskath</b> & B.Paramasivan, “Location optimization for road side unit deployment and maximizing communication probability in multilane highway”, International Journal of Heavy Vehicle Systems (Inderscience), Volume 25, Issue 3-4 ,2018. <b>[SCI Indexed]</b>
14.	Vivitha Varshini R., <b>Naskath J</b> ,Paramasivan B, “High Speed Realistic Mobility Model for TN-Multi Lane Highway Environment”, International Journal of Engineering & Technology , 7 (4.5) (2018) 151-154. <b>[Scopus Indexed]</b>
15.	<b>J.Naskath</b> , Umarani, “Applications of Semaphore: An Overview”,International Journal for Scientific Research and Development,Volume 5,Issue 1,Pages 694-700,2017. <b>[Peer Reviewed]</b>
16.	C Umarani, <b>J Naskath</b> , M Banu, J Uhaya Shanthi,” Embedded Based Deaf Mute Communication System”,International Journal of Scientific Research in Science, Engineering and Technology, Volume 3, Issue 1,2017. <b>[Peer Reviewed]</b>
17.	<b>J.Naskath</b> , S.Jenefa Jemima, “Secured Data Retrieval In Disruption Tolerant Military Networks Using Cp-Abe”, International Journal of Emerging Technology and Innovative Engineering, vol.1, issue 4, April 2015. <b>[Peer Reviewed]</b>
18.	<b>J.Naskath</b> , A.Subbulakshmi, “ARM Hardware Platform For Vehicular Monitoring And Tracking In Road Accident”, International Journal for Research in Applied Science & Engineering technology ,Vol 3 issue-4, April 2015. <b>[Peer Reviewed]</b>
19.	<b>J.Naskath</b> , “Secure Multi-Owner Data Sharing For Dynamic Groups In The Cloud”, International journal of innovations in engineering research and technology, Vol-2, Issue-5,May 2015. <b>[Peer Reviewed]</b>
20.	<b>J.Naskath</b> , R.Abinaya Gomathi, “Enhancing Security On Vehicular ADHOC Networks Using EMAP-HMAC”, International Journal of Engineering & Advanced Technology, Vol 8, issue 6,May 2013. <b>[Peer Reviewed]</b>
21.	<b>J Naskath</b> , R Abinaya Gomathi ,“Proficient Multipath Routing and Hole Handling using Cascading Movement algorithm in WSN” , International Journal of Engineering and Advanced Technology (IJEAT), Volume 3,Issue 1,Pages 206-211,2013. <b>[Peer Reviewed]</b>
22.	<b>J.Naskath</b> & Dr.K.G.Srinivasagan, “Coverage maintenance using mobile nodes in clustered Wireless Sensor Networks”, International Journal of Computer Applications

	(0975 –8887), Volume 21,No.4, May 2011. <a href="#">[Peer Reviewed]</a>
<b>23.</b>	<b>J.Naskath</b> and S.Prateema, “Minimizing End to End delay using multipath routing in Wireless Sensor Networks”, International Journal of Computer Applications (0975 – 8887),Volume 21,No.5, May 2011. <a href="#">[Peer Reviewed]</a>

### Conference Participations:

International Conferences	
1.	Nisha B, <b>J. Naskath</b> , Soundaryaa S, Thaila Shree S and A. Shali, ”SCHEDULING ALGORITHMS IN OPERATING SYSTEMS: A CASE STUDY”, 2nd International Conference on Research and Development in Science, Technology and Management Organized By Indian Academicians and Researchers Association (IARA) In Association With Université Ibn Zohr, Morocco And Center Ibn Zohr of Development and Research, Morocco,10th May 2022.
2.	M .Mohammed Rilwan Hussain, S.Infant Anti Edin, <b>Naskath J</b> , and C.Umarani , “An Automated Smartphone Based Indoor Wayfinding System for Vision Disabled People” IEEE International Conference,ICEmTASS '21,Tamilnadu.
3.	Haribharathi G ,Swetha Popat Kolekar, and <b>Naskath J</b> ,Institution Management System – Student Module, IEEE International Conference,ICEmTASS '21,Tamilnadu.
4.	S. Amirtha Lakshmi, S. Anusha Lakshmi, B. Swetha and <b>J. Naskath</b> and A. Alif Siddqua Begam “Prophesy of crop for shifting cultivation”,Global Issues in Multidisciplinary Academic Research, Rajabhat Maha Sarakham University,Thailand.
5.	<b>J.Naskath</b> ,B Paramasivan ,B.Shunmugapriya, and Hamza Aldabbas, “Dynamic Cluster Based Connectivity Approach for Vehicular Adhoc Networks”, Intelligent computing paradigm and cutting edge technologies –springer book series, ISSN :2662-3447,pp. 187-197, –International conference on innovative computing and cutting edge technologies ICICCT 2019 ,Istanbul, Turkey.
6.	<b>J.Naskath</b> ,“Modeling mobility in VANET to position the vehicle based on lane changing in Highway Environment” ICRAET 2019, 8th and 9th February 2019, Sri Krishna College of Engineering and Technology, Coimbatore.
7.	<b>J.Naskath</b> “A Novel Approach To Increase the Efficiency Of coverage and Connectivity using Optimal RSU Deployment in Vanet”, ICACCS 2017-International Conference on Advanced Computing and Communication Systems, 7th January 2017.
8.	<b>J.Naskath</b> , and M.Bhavani, “Clustering Techniques for VANET communication-Survey”, ICCTIDE'16 , January 2016.
9.	<b>J.Naskath</b> ,R.Rajakumari, and V.Subbulakshmi, “Women Empowerment in India-A blazing Issue”, ISTE TN-P Section Annual Convention,November 2014.
10.	“Classification and Comparison of Wireless Communication, Routing Techniques and simulation tools in Wireless Networks “, <b>J.Naskath</b> , ICCCT'12, 30&31 may 2012.
11.	“Novel approach based Coverage repair in clustered in WSN “, <b>J.Naskath</b> , ICICES'11,feb 2011.
12.	“An efficient CBIR using optimized texture, color and shape based features.”, <b>J.Naskath</b> ,ICSIE '16, April 2016.
National Conferences	
1.	Harini Vasaki M, Kamala Harini R, Ganthimathi V, and <b>Naskath J</b> ,”An IOT Based College Bus Trailing and Surveiling System” , AICTE sponsored National level Conference, National Engineering College,Kovilpatti April 2021.
2.	Muthukaviya S, Ragha Shree, Rajeswari S, Shree Vardhini V, and <b>Naskath J</b> , “IoT Based Trolley for Isolated Patients”, AICTE sponsored National level Conference, National Engineering College,Kovilpatti April 2021.
3.	“A survey on image classification approaches and techniques”, <b>J.Naskath</b> , SYMPSE 2K16, May 2016.

4.	"A survey on vehicular ADHOC networks", <b>J.Naskath</b> , SYMPSE 2K16, May 2016.
5.	"An advance survey on cloud computing and state of the art research issues", <b>J.Naskath</b> , SYMPSE 2K16, May 2016.
6.	"A survey on mobile ADHOC network security", <b>J.Naskath</b> , SYMPSE 2K16, May 2016.
7.	"Efficient multi path Routing and Void Handlingwith guaranteed Delivery in WSN", <b>J.Naskath, et al.</b> , FACT'12,NIT, Trichy ,December 2012.

#### Book / Book Chapter Publication:

	Book Chapter
1.	<b>J Naskath</b> , B Paramasivan, B Shunmugapriya, Hamza Aldabbas, "Dynamic Cluster Based Connectivity Approach for Vehicular Adhoc Networks", Intelligent computing paradigm and cutting edge technologies –springer book series,pp. 187-197, – ISBN: 978-3-030-38501- 11. No. and details of other Publications in SCI Journals.

#### Technical Events Organized:

S.No	Title	Period	Venue
Short Term Courses			
1.	Foundation level course- c and c++ programming	2014-2015	National Engineering College
2.	Foundation level course- c and c++ programming	2013-2014	
Seminars			
3.	ISTE sponsored Pattern recognition and machine learning techniques (Rs.5,000/-)	10&11 august 2016(2 days)	National Engineering College
4.	BEINGE and UNIQ technologies sponsored, seminar on “Cyber security” (Rs.5,000/-)	23&24 march 2016	
5.	DAE-BRNS sponsored national seminar on research issue in soft computing techniques for nuclear energy system (Rs.50,000/-)	28&29 sep 2012(2 days)	
6.	One day motivational Program on “ Vazhikaiyum Kalviyum” ,For Pre final year students	18 March 2016	

7.	One day motivational Program on “Openings for young Engineers : Digital Animation techniques and trends” ,for UG students.	03 August 2015 Bimbam Creative Solutions,Eral.	
8.	AICTE Sponsored Two days National Level Seminar on “Research Trends and Innovations in Vehicular Networking and Intelligent Vehicular” (Rs.1,00,000/-)  Communication”	12.10.2017&13.10.2017	
Workshop			
9.	IEEE students branch sponsored FDP on “IoT for Health Care Applications” (Rs.12,000/-)	2,6,&7 August,2021	National Engineering College
10.	IEEE students’ branch sponsored workshop on “Deep learning with Matlab”. (Rs.20,000/-)	12 <sup>th</sup> & 13 <sup>th</sup> November ,2020	
11.	TNSCST sponsored One day handsaon workshop on“Angular JS” in inter college symposium componec 19. (Rs.50,000/-)	12 <sup>th</sup> September 2019	
12.	One day awareness program on “ Big Data Analytics” for intra college students.	03.10.2015	
13.	BEINGE and UNIQ technologies sponsored, “ Internet of things”. (Rs.7,000/-)	23&24 march 2016	
14.	SMS autoline Sponsored , “App cloning”, for UG students. (Rs.5,000/-)	23&24 march 2016	
15.	BEINGE and UNIQ technologies sponsored, “Armenian radio” for Inter college students. (Rs.5,000/-)		
16.	SMS autoline sponsored, “App without coding”, for Inter college students. (Rs.5,000/-)		



17.	TNSCST sponsored, “Digital animation system” for Higher Secondary discipline Students (Rs.20,000/-)	23&24 August 2012	
Camp for Higher Secondary discipline Students			
18.	“Practical eco camp” for Higher Secondary discipline Students. Sponsored by NEC (Rs.10,000/-)	2015 (4 Days)	National Engineering College
19.	“Basic computer programming” for Higher Secondary discipline Students.	2014(4 Days)	
20.	“Sunshine camp” for kids Sponsored by NEC (Rs.10,000/-)	2013(4 Days)	
Technical Symposium			
21.	TNSCST Sponsored (Rs.20000) Inter college technical symposium NEC Tech Fest COMPONEC’19	12 <sup>th</sup> & 13 <sup>th</sup> September 2019	National Engineering College
22.	Inter college technical symposium COMPONEC’19 Sponsored by NEC (Rs.15,000/-)	20 <sup>th</sup> & 21 <sup>st</sup> Feb 2019	
23.	Intra college technical symposium “HI-TECH FEST’18. Sponsored by NEC (Rs.10,000/-)	07 <sup>th</sup> Sep ,2018	
24.	Inter college technical symposium COMPONEC’18. Sponsored by NEC (Rs.15,000/-)	27 <sup>th</sup> & 28 <sup>th</sup> Feb 2018	
25.	Intra college technical symposium “HI-TECH FEST’17 Sponsored by NEC (Rs.5,000/-)	12 <sup>th</sup> Sep ,2017	
26.	Inter college technical symposium COMPONEC’17 Sponsored by NEC (Rs.15,000/-)	22 <sup>nd</sup> & 23 <sup>rd</sup> Feb 2017	
27.	Intra college technical symposium “HI-TECH FEST’16. Sponsored by NEC (Rs.5,000/-)	10 <sup>th</sup> August,2016	

28.	Beinge ,SMS autoline and Uniq technologies Sponsored , “Inter college technical symposium “COMPONEC YAKSHA’16 (Rs.10,000/-)	23&24 march2016	
29.	Intra college technical symposium “HI-TECH FEST’15 Sponsored by NEC (Rs.5,000/-)	2015	
30.	TCS Sponsored (Rs.60,000/-) Inter college technical symposium COMPONEC’15.	Feb,2015	
31.	TCS Sponsored (Rs.60,000/-) Inter college technical symposium COMPONEC’14	Feb,2014	
32.	Intra college technical symposium “HI-TECH FEST’14 Sponsored by NEC (Rs.5,000/-)	2014	
33.	Intra college technical symposium “HI-TECH FEST’13. Sponsored by NEC (Rs.5,000/-)	23.10.2013	
34.	Organiser of Alumni Meet (1987-1991)Batch Sponsored by NEC (Rs.20,000/-)	01.December 2012	
<b>Product Development &amp; Technology Transfer:</b>			
35.	NEC Caller APP(v3)	College Phone Directory Using Android	2018 & 2019
	NEC Caller APP(v2)		2017 & 2018
	NEC Caller APP (v1)		2016 & 2017
36.	Website Design	ICCTIDE’16 Inter National Conference	7 <sup>th</sup> to 9 <sup>th</sup> ,Jan,2016
37.	CSEA Website	Association of CSE	2013 to 2018

#### **Details of Consultancy Work:**

Sl.No.	Consultancy Work details	Industry	Period	Status
1.	Institution Management System	Bitzplus Pvt Ltd,Chennai	October 2019-June 2022	Completed

#### **Expert Lecture Delivered:**



S.No	Course Title	Venue	Date	Participants
1.	Computer Programming for Beginners	Higher Secondary discipline Students From Various schools	4 <sup>th</sup> April 2016	70
2.	Mobile and Pervasive Computing	FDP-National Engineering College	11 <sup>th</sup> and 18 <sup>th</sup> June 2014	35
3.	Introduction to C & C++	Mechanical Engineering Department	June ,2013	35
4.	Basics Tricks in Animation	Higher Secondary discipline Students From Various Districts	23 & 24 <sup>th</sup> August 2012	210
5.	Fundamentals of Computer Networks	National Engineering College –Polytechnic Students	11 <sup>th</sup> oct 2011	70
6.	CASE tools	National Engineering College	02 October 2008	30
7.	Introduction to Rational Rose	PET Engineering College	22 <sup>nd</sup> September 2005	25
8.	Mobility Modeling and Simulation using SUMO	AICTE sponsored seminar-National Engineering College	13.10.2017	30
9.	Critical Applications in health care Sensor networks	Department of Information Technology, National Engineering College	06&07 June,2018	26
10.	Anna University Approved FDP on Design and Analysis of Algorithms	CSE department ,NEC	26 <sup>th</sup> Nov to 8 <sup>th</sup> December 2018	20
11.	Operating systems :Hands on session :Non teaching faculty enhancement programe	CSE department ,NEC	20 <sup>th</sup> May 2020	10
12.	Design Thinking, Critical Thinking & Innovation Design	Kingston Engineering College, Vellore, TamilNadu,India	23, Feb,2022	60

### Membership in Professional bodies:

Name of Society	Grade of Membership
ISTE	Life Membership
IEEE	Yearly Membership

### Acted as reviewer in reputed Journal/Conferences:

Conference/Journal	Name of the Publication
International Journal	Journal of Super Computing (SPRINGER) & Concurrent Engineering :research and Applications (SAGE Publications)
International Conferences (IcemTaas '21), INDIA	International Conference on “Emerging Technologies and Applications for a Smart and Sustainable World”, National

	Engineering College, India
International Conferences (ICSTA -2022), INDIA	International Conference on Smart Technologies and Applications ,Ramco Institute of Technology ,India
National Conference (DSIIT'21),INDIA	AICTE Sponsored National Online Conference on Data Science and Intelligent Information Technology National Engineering College, India
International Conferences (ICCIT'22), KSA	International Conference on Computing & Information Technology (ICCIT), University of Tabuk, Tabuk, KSA
International Conferences,Malasiya, (IICAIET2022)	The IEEE Sabah subsection is organizing the 2022 IEEE International Conference on Artificial Intelligence in Engineering and Technology (IICAIET2022), co-organized by the Artificial Intelligence Research Unit and Universiti Malaysia Sabah (UMS), which will be held at Kota Kinabalu, Malaysia from 13 to 15 September2022.

### **Involvement in academic / administration Process :**

S.No	Title	Period	Venue
<b>Convener/Coordinator/Member :</b>			
1.	IEEE Students' Branch - Coordinator	2018- Till date	National Engineering College, Kovilpatti.
2.	Parents Teachers Association- Coordinator	2018-Till date	
3.	Board of Studies -Member	2015-till date	
4.	Gender Equity Cell -Convener	2015-Till date	
5.	NBA and NAAC Criteria Coordinator	2011-Till date	
6.	NEC hackathon- Coordinator	2021-2022	
7.	NPTEL Mentor for Python for Data Science	2019-2020	
8.	Smart India Hackathon Coordinator	2021-2022	
9.	Academic Project Coordinator	2020-2022	
10.	College Faculty Recruitment Board : Certificate Verification Committee- Member	2020-2021	
11.	Graduation Day : Registration committee-Member	2020	
12.	Computer Science and Engineering Association- Convener	2013-2019	
13.	College Day Committee: Registration and reception committee	2017-2019	
14.	Common Computer Lab -In charge	2016-2018	

### **Technical Events Participation:**

S.No	Title	Period	Venue
<b>Short Term Courses :</b>			
1.	NPTEL Course on “Industrial Internet of Things-4.0” – 1% Topper	June to December 2021	IIT, Kharagpur
2.	SPOCATHON NPTEL Course on “Internet of Things”-Question setting-Content Augmentation	May 2020	IIT , Kharagpur
3.	NPTEL Course on “ Internet of Things ” - 5% Topper	June to December 2019	IIT, Kharagpur
4.	NPTEL Course on “Real Time Operating Systems” - Topper	Jan to March 2018	IIT ,Madras
5.	NPTEL Course on “Wireless Adhoc and Sensor Networks” -Topper	Jan to March 2017	IIT , Kharagpur
6.	NPTEL Course on “Introduction to Research”	Jan to Feb 2016	IIT, Madras
7.	Train the Trainer(TTT) On FP4.0 focus Area 2-Database	2 <sup>nd</sup> to 4 <sup>th</sup> ,November 2015	Infosys Campus Connect
8.	A-View Software Practice	14-17 October 2013	Online Course-IIT Bombay
9.	IBM Certified database Associate	Dec 15,2009	IBM Center of Excellence
<b>Seminars &amp; Workshops:</b>			
10.	Workshop on Machine learning, Deep learning and Computational intelligence for wireless communication, MDCWC.	September 16 <sup>th</sup> to 20 <sup>th</sup> 2019	National Institute of Technology Tiruchirappalli.
11.	Simulation and Emulation of Self Organized Networks-SEASON -2016	01 <sup>st</sup> to 3 <sup>rd</sup> September 2016	Kongu Engineering College ,Erode
12.	Research Aspirants Meet in IEEE international conference	Jan 2016	National Engineering College
13.	Emerging technologies and applications in Wireless Sensor Networks	1 <sup>st</sup> and 2 <sup>nd</sup> July 2011	Kumaraguru College of Technology, Coimbatore.
14.	Research Challenges in Wireless Sensor Networks	3 <sup>rd</sup> Mar 2010	MIT, Chennai.
15.	Emerging Technologies with hands on and Live Demo	11 <sup>th</sup> to 15 <sup>th</sup> November,2014	National Engineering College, Kovilpatti
16.	Number Theory and its Recent Research Directions in Cryptography	5 <sup>th</sup> and 6 <sup>th</sup> June 2009	National Engineering College,Kovilpatti
17.	Cloud Computing –Cloud Infrastructure and Services	02.02.2013	ICTACT & EMC Coporation, Madurai.

18.	Recent Research Trends and issues in Public Key Cryptosystem and Digital Signatures.	20 <sup>th</sup> and 21 <sup>st</sup> Feb, 2009	National Engineering College,Kovilpatti
19.	Recent methods and tools for Design of Fault Diagnosis Fault Tolerance Systems for Wireless Networks.	2 <sup>nd</sup> & 3 <sup>rd</sup> Aug,2007	
20.	Game Theoretical Models for problem solving in Wireless Networks	20 <sup>th</sup> and 21 <sup>st</sup> Jan 2012	
21.	A Hands-On Seminar On LATEX Essentials for Beginners	June2013	
Faculty Development Programme :			
22.	Faculty Development Program on “Wireles communication Technologies for IoT” , IIT ,Guwahati.	27 <sup>th</sup> to 07 <sup>th</sup> July,2021	IIT ,Guwahati.
23.	Faculty Development Program on “System Design Aspects in IoT” , NIT ,Warangal	26 <sup>th</sup> June to 2 <sup>nd</sup> July,2018	JNTUH ,Hydrabad
24.	FDP on “Cryptography and Network Security”	13 <sup>th</sup> to 17 th June,2017	Mepco Schlenk Engineering College,Sivakasi.
25.	Emerging Technologies with hands on and Live Demo	11 <sup>th</sup> to 15 <sup>th</sup> November,2014	National Engineering College, Kovilpattii
26.	FDP on “Mobile and Pervasive Computing”	11 <sup>th</sup> and 18 <sup>th</sup> June 2014	
27.	FDTP on “Rational Application Development”	07 <sup>th</sup> to 10 <sup>th</sup> Dec,2011	K.L.N Engineering College,Madurai.
28.	FDTP on “Visual Programming”	10 <sup>th</sup> to 22 <sup>nd</sup> Dec,2007	National Engineering College
29.	Induction Programme For Engineering College Teachers	14 <sup>th</sup> Dec.2005	PET Engineering College,Vallioor.
Industrial Training :			
30.	IOT and Embedded systems	7th -14th ,July,2022	Micron Technology ,Bangalore
31.	Institution Management System	2020-2021	Bitzplus Pvt Ltd,Chennai
32.	Institution Management System	2019-2020	Bitzplus Pvt Ltd,Chennai
33.	Industrial Training :Aspect Oriented Software Development	05.08.2017-08.08.2017	Infotec systems ,Chennai

**Session /Jury Chair:**

1. Session chair for Inter College Symposium-2015 & 2016
2. Session chair Kalasalingam University –Conference -2014
3. Session chair for Intra College NEON’12 –Fine arts committee -2014
4. Session chair for CSI-Students Chapter –Conference -2013
5. Session chair for Intra College Symposium at National Engineering College-2012
6. Session chair for Women’s day event at National Engineering College-2011
7. Session chair for intra college symposium at PET Engineering College,  
Vallioor -2006.

