

Ms.J.Naskath

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Core Qualification:

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

Working Experience:

Designation	Institution/ Organization	Period	Nature of Duties
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. or P.G.
Advanced Computer organization and Architecture ,Operating System, Management Information System, Object oriented analysis and Design, Advanced Network Security	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 Values, IoT, Object Oriented Programming.	U.G

Professional Achievements

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	10&11 august 2016(2 days)	National Engineering College	
4.	BEINGE and UNIQ technologies sponsored, seminar on “Cyber security”	23&24 march 2016		
5.	DAE-BRNS sponsored national seminar on research issue in soft computing techniques for nuclear energy system	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	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”	12.10.2017&13.10.2017		
Workshop				
1.	TNSCST sponsored One day handsaon workshop on“Angular JS” in inter college symposium comonec 19	12 th September 2019		
2.	One day awareness program on “ Big Data Analytics” for intra college students.	03.10.2015		

3.	BEINGE and UNIQ technologies sponsored, “Internet of things”	23&24 march 2016	National Engineering College
4.	SMS autoline Sponsored , “App cloning”, for UG students	23&24 march 2016	
5.	BEINGE and UNIQ technologies sponsored, “Armenian radio” for Inter college students.		
6.	SMS autoline sponsored, “App without coding”, for Inter college students.		
7.	TNSCST sponsored, “Digital animation system” for Higher Secondary discipline Students	23&24 August 2012	
Camp for Higher Secondary discipline Students			
15.	“Practical eco camp” for Higher Secondary discipline Students	2015 (4 Days)	National Engineering College
16.	“Basic computer programming” for Higher Secondary discipline Students	2014(4 Days)	
17.	“Sunshine camp” for kids	2013(4 Days)	
Technical Symposium			
1.	TNSCST Sponsored (Rs.20000) Inter college technical symposium NEC Tech Fest COMPONEC’19	12 th & 13 th September 2019	National Engineering College
2.	Inter college technical symposium COMPONEC’19	20 th & 21 st Feb 2019	
3.	Intra college technical symposium “HI-TECH FEST’18	07 th Sep ,2018	
4.	Inter college technical symposium COMPONEC’18	27 th & 28 th Feb 2018	
5.	Intra college technical symposium “HI-TECH FEST’17	12 th Sep ,2017	
6.	Inter college technical symposium COMPONEC’17	22 nd & 23 rd Feb 2017	
7.	Intra college technical symposium “HI-TECH FEST’16	10 th August,2016	
8.	Beinge ,SMS autoline and Uniq technologies Sponsored , “Inter college technical symposium “COMPONEC YAKSHA’16	23&24 march2016	

9.	Intra college technical symposium "HI-TECH FEST'15	2015	
10.	TCS Sponsored Inter college technical symposium COMPONEC'15	Feb,2015	
11.	TCS Sponsored Inter college technical symposium COMPONEC'14	Feb,2014	
12.	Intra college technical symposium "HI-TECH FEST'14	2014	
13.	Intra college technical symposium "HI-TECH FEST'13	23.10.2013	
14.	Organiser of Alumni Meet (1987-1991)Batch	01.December 2012	
APP and Website Designing			
26.	NEC Caller APP(v3)	College Phone Directory Using Android	2018 & 2019
	NEC Caller APP(v2)		2017 & 2018
	NEC Caller APP (v1)		2016 & 2017
27.	Website Design	ICCTIDE'16 Inter National	7 th to 9 th ,Jan,2016
28.	CSEA Website	Association of CSE	2013 to 2018

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	Ongoing	2.5 lakhs

Published -International Journals:

Published -International Journals	
1.	J.Janofer Ibrahima, J.Naskath, ,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.
2.	G. Soundarya,S. Preethi,J.Naskath, 'Trucker's Succoura Mobile Application for Backing Truck Drivers', International Journal of Recent Technology and Engineering (IJRTE)ISSN: 2277-3878, Volume-9Issue-1, May2020.
3.	R.Nivetha, S.Preethi, P.Priyadharshini, B.Shunmugapriya, B.Paramasivan, J.Naskath, '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.
4.	“Location optimization for road side unit deployment and maximizing communication probability in multilane highway”, Naskath.J, Paramasivan.B, International Journal of Heavy Vehicle Systems, Volume 25, Issue 3-4 ,2018.
5.	“High Speed Realistic Mobility Model for TN-Multi Lane Highway Environment”, Vivitha Varshini R., Naskath J,Paramasivan B, International Journal of Engineering & Technology , 7 (4.5) (2018) 151-154.
6.	“Secured Data Retrieval In Disruption Tolerant Military Networks Using Cp-Abe”, J.Naskath, S.Jenefa Jemima, International Journal of Emerging Technology and Innovative Engineering, vol 1, issue 4, April 2015.
7.	“ARM Hardware Platform For Vehicular Monitoring And Tracking In Road Accident”, J.Naskath , A.Subbulakshmi, International Journal for Research in Applied Science & Engineering technology ,Vol 3 issue-4, April 2015.
8.	“Secure Multi-Owner Data Sharing For Dynamic Groups In The Cloud”, J.Naskath, International journal of innovations in engineering research and technology, Vol-2, Issue-5,May 2015.
9.	“Enhancing Security On Vehicular ADHOC Networks Using EMAP-HMAC”, J.Naskath, R.Abinaya Gomathi, International Journal of Engineering & Advanced Technology, Vol 8, issue 6,May 2013.
10.	“Coverage maintenance using mobile nodes in clustered Wireless Sensor Networks”,J.Naskath, Dr.K.G.Srinivasagan, International Journal of Computer Applications (0975 –8887),Volume 21,No.4, May 2011.
11.	“Minimizing End to End delay using multipath routing in Wireless Sensor Networks”,J.Naskath and S.Prateema, International Journal of Computer Applications (0975 –8887),Volume 21,No.5, May 2011.

International Conferences Participations:

International Conferences	
1.	J.Naskath ,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, ISSN :2662-3447,pp. 187-197, –International conference on innovative computing and cutting edge technologies ICICCT 2019 ,Istanbul, Turkey.
2.	“Modeling mobility in VANET to position the vehicle based on lane changing in Highway Environment” ICRAET 2019, 8th and 9 th February 2019, Sri Krishna College of Engineering and Technology, Coimbatore.
3.	“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.
4.	“Clustering Techniques for VANET communication-Survey”, J.Naskath, M.Bhavani, ICCTIDE’16 , January 2016.
5.	“Women Empowerment in India-A blazing Issue”, J.Naskath,R.Rajakumari,V.Subbulakshmi, ISTE TN-P Section Annual Convention,November 2014.
6.	“Classification and Comparison of Wireless Communication, Routing Techniques and simulation tools in Wireless Networks “,J.Naskath, ICCCT’12, 30&31 may 2012.
7.	“Novel approach based Coverage repair in clustered in WSN “,J.Naskath, ICICES’11,feb 2011.
8.	“An efficient CBIR using optimized texture, color and shape based features.”,J.Naskath,ICSIE ’16, April 2016.

National Conferences	
1.	“A survey on image classification approaches and techniques”, J.Naskath, SYMPSE 2K16, May 2016.
2.	“A survey on vehicular ADHOC networks”, J.Naskath, SYMPSE 2K16, May 2016.
3.	“An advance survey on cloud computing and state of the art research issues”, J.Naskath, SYMPSE 2K16, May 2016.
4.	“A survey on mobile ADHOC network security”, J.Naskath, SYMPSE 2K16, May 2016.
5.	“Efficient multi path Routing and Void Handlingwith guaranteed Delivery in WSN”, J.Naskath, FACT’12,NIT, Trichy ,December 2012.
6.	“Energy Efficient coverage maintenance using mobile node in WSN”, J.Naskath, VISION’11,Govt.Engg College, May 2011.
9.	“A Novel Approach To Increase the Efficiency Of coverage and Connectivity using Optimal RSU Deployment in Vanet” , Sri Eshwar College of Engineering.ICACCS 2017-International Conference on Advanced Computing and Communication Systems., 7th January 2017.

National Conferences Participations:

Expert Lecture Delivered :

S.No	Course Title	Venue	Date	Participants
1.	Computer Programming for Beginners	Higher Secondary discipline Students From Various schools	4 th April 2016	70
2.	Mobile and Pervasive Computing	FDP-National Engineering College	11 th and 18 th 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 th August 2012	210
5.	Fundamentals of Computer Networks	National Engineering College –Polytechnic Students	11 th oct 2011	70
6.	CASE tools	National Engineering College	02 October 2008	30
7.	Introduction to Rational Rose	PET Engineering College	22 nd 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	CSE department	26 th Nov to 8 th	20

FDP on Design and Analysis of Algorithms	,NEC	December 2018
11. Operating systems session :Hands on :Non teaching faculty enhancement programe	CSE department ,NEC	20 th May 2020 10

Membership in Professional bodies:

Name of Society	Grade of Membership
ISTE	Life Membership

Research Achievements:

1. Doing Research in Anna University-Chennai, under the title of -Wireless Network
2. Scoring 90% marks in Course work exams
3. Synopsis submitted Jan 2020.
4. Publishing papers in WSN, VANET etc.
5. Guiding project for UG & PG students in research area of Networks.

Session 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.

Technical Events Participation:

S.No	Title	Period	Venue
Short Term Courses :			
1.	NPTEL Course on “Real Time Operating Systems” - Topper	Jan to March 2018	IIT ,Madras
2.	NPTEL Course on “Wireless Adhoc and Sensor Networrrks” -Topper	Jan to March 2017	IIT , Kharagpur
3.	NPTEL Course on “Introduction to Research”	Jan to Feb 2016	IIT, Madras
4.	Train the Trainer(TTT) On FP4.0 focus Area 2-Database	2 nd to 4 th ,November 2015	Infosys Campus Connect
5.	A-View Software Practice	14-17 October 2013	Online Course-IIT Bombay
6.	IBM Certified database Associate	Dec 15,2009	IBM Center of Excellence

Seminars & Workshops:

7.	Workshop on Machine learning, Deep learning and Computational intelligence for wireless communication, MDCWC.	September 16 th to 20 th 2019	National Institute of Technology Tiruchirappalli.
8.	Simulation and Emulation of Self Organized Networks-SEASON -2016	01 st to 3 rd September 2016	Kongu Engineering College ,Erode
9.	Research Aspirants Meet in IEEE international conference	Jan 2016	National Engineering College
10.	Emerging technologies and applications in Wireless Sensor Networks	1 st and 2 nd July 2011	Kumaraguru College of Technology, Coimbatore.
11.	Research Challenges in Wireless Sensor Networks	3 rd Mar 2010	MIT, Chennai.
12.	Emerging Technologies with hands on and Live Demo	11 th to 15 th November,2014	National Engineering College, Kovilpatti
13.	Number Theory and its Recent Research Directions in Cryptography	5 th and 6 th June 2009	National Engineering College,Kovilpatti
14.	Cloud Computing –Cloud Infrastructure and Services	02.02.2013	ICTACT & EMC Coporation, Madurai.
15.	Recent Research Trends and issues in Public Key Cryptosystem and Digital Signatures.	20 th and 21 st Feb, 2009	National Engineering College,Kovilpatti
16.	Recent methods and tools for Design of Fault Diagnosis Fault Tolerance Systems for Wireless Networks.	2 nd & 3 rd Aug,2007	
17.	Game Theoretical Models for problem solving in Wireless Networks	20 th and 21 st Jan 2012	
18.	A Hands-On Seminar On LATEX Essentials for Beginners	June2013	

Faculty Development Programme :

19.	Faculty Development Program on “System Design Aspects in IoT” , NIT ,Warangal Sponsored	26 th June to 2 nd July,2018	JNTUH ,Hydrabad
20.	FDP on “Cryptography and Network Security”	13 th to 17 th June,2017	Mepco Schlenk Engineering College,Sivakasi.
21.	Emerging Technologies with hands on and Live Demo	11 th to 15 th November,2014	National Engineering College, Kovilpattii
22.	FDP on “Mobile and Pervasive Computing”	11 th and 18 th June 2014	
23.	FDTP on “Rational Application Development”	07 th to 10 th Dec,2011	K.L.N Engineering College, Madurai.
24.	FDTP on “Visual Programming”	10 th to 22 nd Dec,2007	National Engineering College

25.	Induction Programme For Engineering College Teachers	14 th Dec.2005	PET Engineering College,Vallioor.
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