Faculty Profile

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

Associate Professor,

Department of Artificial Intelligence and Data Science,

National Engineering College , Kovilpatti ,

Tuticorin District, Tamilnadu-628503,

naskat@nec.edu.in

91-9894800982.

I. Educational Qualification:

Degree	Programme and Specialization	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	
B.E.	Computer Science & Engineering	I class with Distinction	April ,2005	

II. Working Experience:

Institution/ Organization	Designation	Period	
National Engineering College, Kovilpatti.	Associate Professor	2023	Till date
	Assistant Professor (Senior Grade)	2006	2023
	Assistant Professor	2011	2013
	Lecturer	2006	2009
PET Engineering College, Vallioor.	Lecturer	2005	2006

III. Research Experience:

Research Supervisor:

Name of the University	Name of the Faculty	Reference No. (Supervisor id Number)	Research Area	Year of supervisor recognition
Anna University, Chennai	Information & Communication Engineering	Ref. No.4240009	Wireless Sensor Networks, Internet of Things, Intelligent Vehicle Systems, & Adhoc Networks	June-2023
Scholar Details				**Total Count :04**

Full Time Scholar	01	Part Time Scholar	03	2023-2024(2) 2024-2025(2)

a. Scholarly impact and research productivity Sites:

Research and Academic Portal	Website Navigation
Scopus :	https://www.scopus.com/authid/detail.uri?authorId=57203951729
Vidwan :	https://vidwan.inflibnet.ac.in/profile/211475
Google Scholar :	https://scholar.google.co.in/citations?user=LiFMePsAAAAJ&hl=en
Orchid Id :	https://orcid.org/0000-0001-6574-6821
Linked In :	https://www.linkedin.com/in/naskath-jahangeer-31a3b6280/
Web of science:	https://www.webofscience.com/wos/author/record/AAU-5715-2021

b. Patent Grant / Published:

Application No.	Patent Title	Status
Indian Patent Application 202041007420 Grant No: 511059	Smart waste collecting bin	Patent Grant
Indian Patent Application-202341073800	An Apparatus for Marshalling a Parrock	Patent Published
Indian Patent Application-Filed-202441058020	A device for delivering supplies	Patent Filed
Indian Patent Application-Filed-424234-001 July-2024	IoT-Integrated Robotic Trash Bin for Waste Management	Patent Grant
Application No.202441071437 A Publication Date : 4/10/2024	Blockchain-enabled IoT: enhancing trust and security in IoT networks	Patent Published

c. Funded Projects:

Agency Name	Project Title	From	To	Status	Amount(Rs.)
IEI R&D Grant-in-Aid	Empirical Intelligent Cyber Security Strategies for Reliable Data Transmission in AIoT Systems.	September, 2025	Dcember, 2026	On going	₹90,000/-
DST -New Gen IEDC : New Generation Innovation and Entrepreneurship Development	Smart Trash Bin Management system using IoT	Dec 2018	Dec 2019	Completed	2.5 lakhs
	Automated Cast trolley for Isolated Patients	Oct 2021	Oct 2022	Completed	2.5 lakhs

	Smart Aquarium	Dec 2021	Dec 2022	Completed	2.5 lakhs
	Smart Bicycle	June 2022	June 2023	Completed	2.5 lakhs
	Fowler COT for bed bound patients	June 2022	June 2023	Completed	2.5 lakhs

d. Academic Positions and Advisory Roles

Position	Institution	Role	Year
Board of Study Member	Syed Ammal Engineering College ,Ramanathapuram	Providing academic expertise in curriculum development and review for School of Computing (CSE,IT,AI&DS) program	2024-2025 Odd: 18.05.2024 Even: 07.01.2025 2025-2026: Odd:04.07.2025

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

International Journals	
Total Published : 30	**Last five years : 24**

SCI Journals

1.	C. Suganthi Evangeline, Vinoth Babu Kumaravelu, Arthi Murugadass, Agbotiname Lucky Imoize, Poongundran Selvaprabhu, **J. Naskath**, "BSHR-FA: A Blockchain-Enabled Secure Hierarchical Routing Using Firefly Algorithm for VANETs", Security and Privacy Journal, Wiley Publisher,Volume8, Issue3, https://doi.org/10.1002/spy2.70045,June 2025.
2.	**Jahangeer Naskath**., Mustafa, Z. & Aldabbas, H. Utilizing a Hybrid Cat-Swarm Optimization Algorithm for Seamless Vertical Handoff in Vanet. Wireless Personal Communication,July (2024). https://doi.org/10.1007/s11277-024-11424-5.
3.	S. Balaji, G. Dhanabalan, C. Umarani and **J. Naskath**, "A GAN-based Hybrid Deep Learning Approach for Enhancing Intrusion Detection in IoT Networks" International Journal of Advanced Computer Science and Applications(IJACSA), 15(6), 2024. http://dx.doi.org/10.14569/IJACSA.2024.0150637
4.	Syed Rabiya MA, Ramalakshmi R, **Naskath J**. Regular routine aware routing in opportunistic mobile social networks. Trans Emerging Tel Tech. 2023;e4828. doi: 10.1002/ett.482,2023.IF:3.31
5.	**Jahangeer Naskath**. Fast multicriteria network selection scheme using hybrid of cat swarm optimization and TOPSIS algorithm for optimal handover in VANET. Trans Emerging Tel Tech. 2023;e4743. doi: 10.1002/ett.4743. IF=3.31
6.	**Naskath, J**., Sivakamasundari, G. & Begum, A.A.S. "A Study on Different Deep Learning Algorithms Used in Deep Neural Nets: MLP SOM and DBN". Wireless Personal Communication (2022). https://doi.org/10.1007/s11277-022-10079-4
7.	**Naskath, J**., Paramasivan, B., Mustafa, Z. et al. , Connectivity analysis of V2V communication with discretionary lane changing approach. Journal of Supercomputing, (springer), https://doi.org/10.1007/s11227-021-04086-8,2021.
8.	**J.Naskath** &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.
9.	**J.Naskath** & 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.

10.	Shunmugapriya, B., Paramasivan, B., Ananthakumaran, S. **J.Naskath**,Wireless Body Area Networks: Survey of Recent Research Trends on Energy Efficient Routing Protocols and Guidelines. Wireless Personal Communication (springer), https://doi.org/10.1007/s11277-021-09250-0, 2021.

<div align="center"><strong style="color:red">Scopus Indexed Journals/Conferences</div>

11.	Devikarthika, P, **Naskath, J**, & Amsaveni, K. (2025). *Optimizing energy consumption through predictive analytics.* In Proceedings of the 2025 International Conference on Computational Robotics, Testing and Engineering Evaluation (ICCRTEE) (pp. 1–6). IEEE. https://doi.org/10.1109/ICCRTEE64519.2025.11053070.
12.	V, Dhinesh Karthick and G, Abivarman , Naskath, J., & Umarani, C. (2025). Optimizing Appliance Energy Consumption with IoT Solutions. In 2025 International Conference on Emerging Technologies in Engineering Applications (ICETEA) (pp. 1-6). IEEE. https://doi.org/10.1109/ICETEA64585.2025.11099826.
13.	Kaveri. K, Jervila. R, Alhaseena. KM and **Naskath. J**, "RFID Attendance System-Enabled Automated Hand Sanitizer Dispenser using IoT," IEEE Xplore 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC), Salem, India, 2023, pp. 1394-1399, doi: 10.1109/ICAAIC56838.2023.10140315.
14.	R.Srimathi, **Dr.J.Naskath**,B.Anandha Mathavan ,Archana Pown T,Dr.M.Syed Rabiya , "Institution Management System:Student Module" ,Fourth IEEE International Conference on Cognitive Computing and Information Processing CCIP 2022,23rd & 24th December 2022, Bengaluru, INDIA
15.	A Shali,P Hari Prashanth, **Dr.J.Naskath**, "Bots Using Natural Language Processing in Medical Sector",International Conference on Computational Science and Technology ICCST - 9 & 10 November 2022
16.	Harini Vasaki M, Kamala Harini R, Ganthimathi V, and **Naskath J**.,"An IOT Based College Bus Trailiing and Surveiling System" , AIP Conference Proceedings 2444, 070001, https://doi.org/10.1063/5.0078357, March 2022.
17.	Muthukaviya S, Ragha Shree, Rajeswari S, Shree Vardhini V, and **Naskath J**, "IoT Based Trolley for Isolated Patients", AIP Conference Proceedings 2444, 070003 (2022); https://doi.org/10.1063/5.0078361, March 2022.
18.	**Naskath Jahangeer**, 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,Pages 6134-6142,2020.
19.	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.
20.	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.
21.	Vivitha Varshini R., **Naskath J**,Paramasivan B, "High Speed Realistic Mobility Model for TN-Multi Lane Highway Environment", International Journal of Engineering & Technology , 7 (4.5) (2018) 151-154.
22.	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.

<div align="center"><strong style="color:red">Peer Review Journals</div>

23.	**Naskath, J**,DR.NITHYANANTHAM,M.PAPPATHI JANCY RANI, "Design Secure Connectivity Protocol to mitigate malicious activity using Game Theory in VANET",PERIODICO di MINERALOGIA,ISSN: 0369-896,Volume 91, No. 5, 2022.
24.	Nisha B, **J. Naskath**, 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.

25.	Mohamed Rilwan Hussain. M, Infant Anto Edin. , **Dr.J.Naskath**, "INSTITUTIONAL CALLER APPLICATION", International Journal of Trendy Research in Engineering and Technology Volume 6, Issue 5, October 2022, ISSN NO 2582-0958.
26.	**J.Naskath** 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.

f. Conference Participations:

International Conferences	
Total Published : 17	**Last five years :12**
1.	Anudevi.R, Dhivya.S, **Dr.J.Naskath**, Priyadarshini and Srija.M, "Edge Intelligence in IOT: Algorithms and Applications, IEEE International Conference on Multidisciplinary Research in Technology and Management – MRTM 23, organized by New Horizon College of Engineering, Bengaluru on 22nd & 23rd September 2023
2.	**Dr.J.Naskath**, "Challenges in Cyber Crime investigation and Analysis," ,Cyber Crime Against Women Conclave'23 ,National Cyber Security Research Council (NCSRC) and Tamilnadu State women Commision ,Govt of Tamilnadu,21 August 2023.
3.	Kaveri. K, Jervila. R, Alhaseena. KM and **Dr.J.Naskath**, "RFID Attendance System-Enabled Automated Hand Sanitizer Dispenser using IoT," 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC), Salem, India, 2023, pp. 1394-1399, doi: 10.1109/ICAAIC56838.2023.10140315.
4.	Ms.M.Sharmila,Ms.B.Guru Varshini,Ms.D.Thansi White,Ms.S Tazveen Zanab, Ms.Marzooqa Naeema Kather, Ms.R.Dharsini,**Dr.J.Naskath**,Mr.A.Shenbagaraman, Dr.B.Shunmugapriya, Linux Opearting System, 2nd International Conference on Emerging Trends in Material,Energy,Electronics and Information (ICETMEEI-2023), 20th and 21st April,2023.
5.	R.Srimathi, **Dr.J.Naskath**,B.Anandha Mathavan ,Archana Pown T,Dr.M.Syed Rabiya , "Institution Management System:Student Module" ,Fourth IEEE International Conference on Cognitive Computing and Information Processing CCIP 2022,23rd & 24th December 2022, Bengaluru, INDIA
6.	A Shali,P Hari Prashanth, **Dr.J.Naskath**"Bots Using Natural Language Processing in Medical Sector",International Conference on Computational Science and Technology ICCST - 9 & 10 November 2022
7.	Nisha B, **J. Naskath**, 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.
8.	M .Mohammed Rilwan Hussain, S.Infant Anti Edin,**Naskath J**, and C.Umarani , "An Automated Smartphone Based Indoor Wayfinding System for Vision Disabled People" IEEE International Coference,ICEmTASS '21,Tamilnadu.
9.	Haribharathi G ,Swetha Popat Kolekar, and **Naskath J**,Institution Management System – Student Module, IEEE International Coference,ICEmTASS '21,Tamilnadu.
10.	S. Amirtha Lakshmi, S. Anusha Lakshmi, B. Swetha and **J. Naskath** and A. Alif Siddqua Begam "Prophesy of crop for shifting cultivation",Global Issues in Multidisciplinary Academic Research, Rajabhat Maha Sarakham University,Thailand.
11.	**J.Naskath** ,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.
12.	**J.Naskath** ,"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.

	National Conferences
	Total Published : 08 **Last five years :03**
1.	**Naskath. J**, Kavitha k, Abinaya P, Mathumitha S & A.Shali, "Comparison study on scheduling algorithms in operating systems", Emerging Trends: A Road to DIET (Digitalization, Innovation & Endurable Transformation) 7th-8th April, 2023,Karnavati University,Gujarat,2023.
2.	Harini Vasaki M, Kamala Harini R, Ganthimathi V, and **Naskath J.**,"An IOT Based College Bus Trailiing and Surveiling System" , AICTE sponsored National level Conference, National Engineering College,Kovilpatti April 2021.
3.	Muthukaviya S, Ragha Shree, Rajeswari S, Shree Vardhini V, and **Naskath J**, "IoT Based Trolley for Isolated Patients", AICTE sponsored National level Conference, National Engineering College,Kovilpatti April 2021.

g. Book / Book Chapter Publication:

	Book (Author)
1.	Dr. D. Madhina Banu,Dr. A. Alif Siddiqua Begum,**Dr.Naskath**, "Computer Networks", ISBN 978-81-978052-7-5, Indo-Continental Academic Publishers (ICAP) Publication, July 2024. DOI:https://icappublishers.com/?product=computer-networks-by-dr-d-madhina-banu-dr-d-alif-siddiqua-begum-dr-j-naskath
2.	**Dr.Naskath,** J. Dr.V.Sivakumar, Dr. Nithyanatham Sampath kumar, "Mastering Operating Systems: Theory and Practice", Infinity Publication, May 2024. ISBN: 978-93-92917-48-6. DOI: 10.25215/9392917481.
3.	**Dr.J Naskath**, D.Antony Pradeesh,Dr.P. Ramesh Babu and Dr.Nithyanantham Sampathkumar, "Internet of Things and its Applications", Royal Publisher, ISBN 978-93-95423-00-7, Edition 2022.

	Book (Editor)
1.	Dr. Subrata Chowdhury, **Dr. J. Naskath**, Dr. Kathrin Kind-Trueller, Dr. Joanna Rosak-Szyrocka, & Dr. Soumi Dutta (Eds.), "Data-Driven IoT Ecosystems: Integrating Device, Edge, and Cloud Paradigms", CRC Press, ISBN: 9781003863427,2025.
2.	Dr. Mohd. Shaikhul Ashraf, Sruthi S, Dr. Shalini Chaturvedi, Dr. Monika, **Dr. J. Naskath**, R. Prabha, Dr. Shuchi Goe,l "Recent trends in Multidisciplinary Subjects", Paradox Publisher, RED'SHINE PUBLICATION PVT. LTD,Lunawada, India,2022,ISBN: 978-93-94727-69-4, ISBN-10: 93-94727-69-8,DIP: 18.10.9394727698, DOI: 10.25215/9394727698,1st Edition,July (2022).

	Book Chapter
1.	Reddi Umarani, C. O., **Naskath, J**., Karthikeyan, N., & Manickam, S. (2025). "Ensuring data privacy and security in federated learning for healthcare data". In Federated learning for neural disorders in healthcare 6.0 (1st ed., pp. 27). CRC Press. https://doi.org/10.1201/9781003591085.
2.	**Dr.J. Naskath**, R. Rajakumari, Hamza Aldabbas and Zaid Mustafa, "Computational Intelligence and Deep Learning in Health Informatics: An Introductory Perspective", Computational Intelligence: Theory and Applications",ISBN: 978-1-394-21422-8,November 2024. https://www.scrivenerpublishing.com/cart/title.php?id=1041, Wiley publisher.(scopus)
3.	S.Abarna, **Naskath, J**, Rathi Pathi R., Jeyalakshmi C. "Secure VANET Routing Protocols for Improved Vehicular Communication in Autonomous Systems." In Modeling, Simulation, and Control of AI Robotics and Autonomous Systems, Chapter 7, pp. 109-130, May 2024. DOI: 10.4018/979-8-3693-1962-8. ISBN: 9798369319628. https://www.igi-global.com/book/modeling-simulation-control-robotics-autonomous/330980.(scopus)
4.	**Naskath, J**., Rajakumari, R., Rabiya, M. S., Shali, A., & Sampathkumar, N. (2023). Outcome-Based Education Through E-Learning Pedagogy: A Case Study. In J. Keengwe (Ed.), Handbook of Research on Innovative Frameworks and Inclusive Models for Online Learning (pp. 326-346). IGI Global. https://doi.org/10.4018/978-1-6684-9072-3.ch017. .(scopus)
5.	Dr. A. Alif Siddiqua Begum , Dr.R.Raja Kumari, **Dr.J.Naskath**, "DEEP LEARNING BASED CLINICAL IMAGES AND ELECTROCARDIOGRAM: A SURVEY", Paradox Publisher, REDSHINE PUBLICATION

	PVT. LTD, Lunawada, India,ISBN: 978-93-94727-69-4, ISBN-10: 93-94727-69-8,DIP: 18.10.9394727698, DOI: 10.25215/9394727698,1st Edition,July (2022).
6.	**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,pp. 187-197, – ISBN: 978-3-030-38501-11. .(scopus)

IV.   Honors and Awards Received:

Sl.No.	Award details	Awarded By	Period	Status
1.	Jury of CODEFURRRY event – one day national Level Hackthon	Syed Ammal Enginering College,Ramanathapuram	25.04.2025 & 26.04.2025	National Level
2.	Best Young Researcher Award, Scientific International Publishing House (SIPH),UDYAM Registration Number: TN-25-0005186,	MSME, Scientific International Publishing House (Registered Under the Ministry of SME, Government of India) ISO 9001:2015 Certified	March 2024	GSTIN: 33AKIPR51 69F1ZY,
3.	Awarded as YUKTI Innovation Challenge '24 Contest –Idea Presentation	National Innovation Repository & MoE's Innovation Cell	24 January 2024	All india level Contester
4.	Awarded as Bihar Innovation Challenge '23 Contest -Finalist Award	Department of Industries ,Govt of Bihar,Patna.	October 2023- 4th and 5th	All india level Finalist
5.	Honored as Panel Member- Cyber Crime Against Women Conclave	National Cyber Security Research Council (NCSRC) and Tamilnadu State women Commision ,Govt of Tamilnadu	21 August 2023.	Panel Member
6.	Awarded as Inventors Challenge Contest -Runner Up Award	ARM community ,AICTE & ATAL Academy ,Noida	August 2022- November 2022	All india level Runner UP
7.	Honored as Chief guest and keyNote speaker ,INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN MATERIALS, ENERGY, ELECTRONICS AND INFORMATION"	PSN INSTITUTE OF TECHNOLOGY AND SCIENCE, Tirunelveli	20th and 21st, April , 2023	ICETMEEI-2023
8.	Honored as Judge for Software Edition :National Digital Education Architecture (NDEAR), Department of School Education & Literacy (DoSEL). organized SIH Smart India Hackathon 2022 grand finale organized by Ministry of Education Innovation Cell	PSR Engineering College,Sivakasi PS ID AK1085 : Problem ID Judge 5 teams Winner Delhi team:Award 1,00,000	25th and 26th August ,2022	200 (25 teams)

9.	Awarded as Best Faculty: On World Students' Day-Academic Excellence	International Award Ceremony on The Birth Anniversary of Missile Man of India held on 15th October 2022 Dr. APJ Abdul Kalam Puruskar 2022,by IIMT College of Engineering Greater Noida.	15th October 2022	137 Faculty participated

V. Professional Affiliations and Contributions:

a. Membership in Professional bodies:

Name of Society	Grade of Membership
ISTE	Life Membership
IE(I)	Life Membership
International Association of Engineers (IAENG)	Life Member

b. Special Initiatives Leadership

Achievement	Details	Date	Funding / Status
Lab established : Center for lIoT, Robotics and Automation	NEC-Seed Fund	12.02.2024	₹3.6 Lakhs-Established
Consultancy : Customer Feedback App	Siva Gums Pvt Ltd, Kovilpatti-	August 2024 – October 2024	Rs.28500.00 Completed
Consultancy :Institution Management System	Bitzplus Pvt Ltd, Chennai(Pro bono)	October 2019- June 2022	Rs.28500.00 Completed

c. Technical Events Organized:

Total Organised : 36			Last five years :10
S.No	**Title**	**Period**	**Venue**
	Workshops		
1.	Linux Essentials and Git Fundamentals one day workshop , sponsored by College-80 students participated. Registration fee Rs.200/- (Rs.16,000.00)	March 14, 2025.	
2.	Tamil Nadu State Council for Science and Technology , TNSCST– Popularization of Science and Technology Sponsored Two-Days Workshop on "Digital Horizons through IoT Education for Rural Students," (Rs.20000/-)	3rd &4th January ,2025.	National Engineering College

3.	Tamil Nadu State Council for Science and Technology , TNSCST– Popularization of Science and Technology Sponsored Three-Days Workshop on "Fostering Innovation among School Students through IoT Education," (Rs.20000/-)	17th October to 19th ,2024.	
4.	Gender Equity Cell Sponsored, "Womens Day Celebration" (Rs.5000/-)	09th March,2024	
5.	NEC Tech Fest 2024 sponsored– "Buliding Technology Ventures Using IoT", (Rs.5000/-)	23rd March, 2024	
6.	IEEE students branch sponsored FDP on "IoT for Health Care Applications" (Rs.12,000/-)	2,6,&7 August,2021	
7.	IEEE students' branch sponsored workshop on "Deep learning with Matlab". (Rs.18,000/-)	12th & 13th November ,2020	
8.	TNSCST sponsored One day handsaon workshop on"Angular JS" in inter college symposium componec 19. (Rs.20,000/-)	12th September 2019	

Technical Symposium			
1.	TNSCST Sponsored (Rs.20000) Inter college technical symposium NEC Tech Fest COMPONEC'19	12th & 13th September 2019	
2.	Inter college technical symposium COMPONEC'19 Sponsored by NEC (Rs.15,000/-)	20th & 21st Feb 2019	National Engineering College
3.	Intra college technical symposium "HI-TECH FEST'18. Sponsored by NEC (Rs.10,000/-)	07th Sep ,2018	
4.	Inter college technical symposium COMPONEC'18. Sponsored by NEC (Rs.15,000/-)	27th & 28th Feb 2018	

Product Development to Technology Transfer			
1.	NEC Caller APP(v4)	College Phone Directory Using Android	2022-2023
	NEC Caller APP(v3)		2019 & 2020
	NEC Caller APP(v2)		2018 & 2019
	NEC Caller APP (v1)		2017 & 2018

a. Expert Lecture Delivered

Total Delivered :14			Last five years :10	
S.No	Course Title	Venue	Date	Participants

1.	Technology in Teaching English	GVN college ,Kovilpatti	25.02.2025	30 MA-English Students & 5Faculty members
2.	TNSCST–Popularization of Science and Technology Sponsored Two Days Workshop on ""Digital Horizons through IoT Education for Rural Students" – 3rd Jan & 4th Jan ,2025.	CSE department ,NEC Topic: Emerging trends and technologies in IoT	03.1.2025	School students & Teachers-60 & 3
3.	TNSCST–Popularization of Science and Technology Sponsored Three-Days Workshop on "Fostering Innovation among School Students through IoT Education," - 17th October to 19th ,2024.	CSE department ,NEC Topic: Connecting the Dots: Understanding Connectivity Technologies for IoT	18.10.2024	School students & Teachers-120 & 5
4.	Building the Future: IoT Simulations for Smart Environments-One day Workshop	Vidya Academy of Science and Technology Technical campus, located at Kilimanoor, Trivandrum	09th August, 2024	Third year and final year students (65) and faculty members (6)
5.	Demystifying Operating Systems: Interactive Simulations and Practical Insights	St.Joseph College of Engineering and Technology ,Thanjavur	27th May , 2024	86 (6-Faculty and 80 Students)
6.	Design Thinking and IoT	Vidhya Academy of Science and Technology , Technical Campus,Kilimanoor, Kerala	13th April, 2024	57 (5-Faculty and 52 Students)
7.	Delivered the Lecture on The Internet of Things – Connecting the Future	PSR Arts and Science College, Sivakasi.	20th October 2023	200 (Faculty and Students)
8.	Challenges in Cyber Crime investigation and Analysis-Cyber Crime Against Women Conclave	National Cyber Security Research Council (NCSRC) and Tamilnadu State women Commision ,Govt of Tamilnadu, Kamaraj College ,Tuticorin	21 August 2023.	300 (Members of Parliament (MPs), Members of Legislative Assembly (MLAs), Judges, Advocates, Police Officials, District Collectors)
9.	Evaluation towards Vehicular adhoc network (vanet) to intelligemnt vehicle systems (ivs)	RMD Engineering College, Chennai	17.11.2022	124 Students
10.	Real Time Exposure to Software Engineering practices	Computer Society of India- Student Chapter Event organized by Meenakshi Sundaresan Engineering College ,Chennai.	14.11.2022	122 students

11.	Design Thinking, Critical Thinking & Innovation Design	Kingston Engineering College, Vellore, TamilNadu,India	23, Feb,2022	60
12.	Operating systems :Hands on session :Non teaching faculty enhancement programe	CSE department ,NEC	20th May 2020	10
13.	Critical Applications in healthcare Sensor networks	Department of Information Technology, National Engineering College	06 & 07 June,2018	26
14.	Anna University Approved FDP on Design and Analysis of Algorithms	CSE department ,NEC	26th Nov to 8th December 2018	20

b. Acted as Editorial Board Member/ Reviewer in reputed Journal/Conferences:

Conference/Journal	Name of the Publication
Editorial Board Member	• International Journal of Robotics and automation Technology • American Journal of Science, Engineering and Technology (AJSET)
Technical Reviewer : International Journal	• Mobile Networks and Applications • International Journal of Information Security • International Journal of Machine Learning and Cybernetics • Wireless Networks • Journal of Super Computing (SPRINGER) & • Journal of Cloud Computing • TeleCommunication Systems • Cluster Computing • Peer-to-Peer Networking and Applications • PLOS ONE Journal • International Journal of Advances in Wireless Communications and Networks(AWCN),ISSN Print: 2575-5951;REviewers list: http://www.awcnjournal.org/reviewers • Concurrent Engineering :research and Applications (SAGE Publications)
Technical Reviewer : International Conference	• International Conference on Computer Vision and Machine Intelligence IEEE CVMI 2024 || IIIT Allahabad, INDIA || 19-20 October 2024. • International Conference on "Emerging Technologies and Applications for a Smart and Sustainable World", National Engineering College, India • International Conference on Smart Technologies and Applications , Ramco Institute of Technology ,India. • AICTE Sponsored National Online Conference on Data Science and Intelligent Information Technology, National Engineering College, India. • 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. • IEEE Technically Sponsored,International Conference on Computational Science and Technology, SRI SAIRAM

	ENGINEERING COLLEGE.	
	• International Conference on Computing & Information Technology (ICCIT), University of Tabuk, Tabuk, KSA.	

c. Involvement in academic / administration Process:

S.No	Title	Period	Venue
Convener/Coordinator/Member			
1.	Center for IOT, Robotics and Automation Lab-Coordinator	2024-Till date	National Engineering College, Kovilpatti.
2.	Parents Teachers Association- Secretary Coordinator	2023-2025	
3.	Gender Equity Cell -Convener	2015-Till date	
4.	Mistral Linux Club Coordinator	2022-2023	
5.	IEEE Students' Branch - Coordinator	2018- 2022	
6.	Parents Teachers Association- Coordinator	2018-2023	
7.	Board of Studies -Member	2015-till date	
8.	NBA and NAAC Criteria Coordinator	2011-Till date	
9.	NEC hackathon- Coordinator	2021-2022	
10.	NPTEL Mentor for Python for Data Science	2019-2020	
11.	Smart India Hackathon Coordinator	2021-2022	
12.	Academic Project Coordinator	2020-2022	
13.	Computer Science and Engineering Association- Convener	2013-2019	
14.	Common Computer Lab -In charge	2016-2018	

d. Technical Events Participation:

Total participated :40		Last five years :17	
S.No	Title	Period	Venue
NPTEL Courses			
1.	NPTEL Course on, "Design Thinking - A Primer"-Silver Elite	Jan-Feb 2024	IIT ,Madras
2.	NPTEL Course on "Patent Drafting for Beginners" – Silver Elite	Jan to Feb 2023	IIT, Madras
3.	NPTEL Course on "Industrial Internet of Things-4.0" – 1% Topper	June to December 2021	IIT, Kharagpur
4.	SPOCATHON NPTEL Course on "Internet of Things"-Question setting-Content Augmentation	May 2020	IIT , Kharagpur
5.	NPTEL Course on " Internet of Things " - 5% Topper	June to December 2019	IIT, Kharagpur

6.	NPTEL Course on "Real Time Operating Systems" - Topper	Jan to March 2018	IIT ,Madras
7.	NPTEL Course on "Wireless Adhoc and Sensor Networrks" -Topper	Jan to March 2017	IIT , Kharagpur
	Seminars & Workshops		
8.	Blockchain Technology and its applications	21st to August 25 th, 2023	NIT, Trichy
9.	Mind mapping Your way to better learning	September 16th to 17th 2022	Gujaranwala Guru nanak Institute of Management and Technology , Ludhiana.
10.	Workshop on Machine learning, Deep learning and Computational intelligence for wireless communication, MDCWC.	September 16th to 20th 2019	National Institute of Technology Tiruchirappalli.
	Faculty Development Programme		
11.	Six days FDP on, "Intelligent IoT Computing"	03.02.2025 and 08.02.2025	PSG institute of Technology and Applied Research, Coimbatore
12.	International FDP on "Current Trends in Information Technology"	26th to 30th, September,2022	MEASI Institute of Information Technology
13.	Faculty Development Program on "Wireles communication Technologies for IoT" , IIT ,Guwahati.	27th to 07th July,2021	IIT ,Guwahati.
14.	Faculty Development Program on "System Design Aspects in IoT" , NIT ,Warangal	26th June to 2nd July,2018	JNTUH ,Hydrabad
	Industrial Training		
15.	Internet of Things	January 27th to March 06th, 2025-30 Days Master Class	NoviTech R&D Private Limited.
16.	Data analytics using Tableau	22nd June 2023 to 6th July 2023	NSIC, Hydrabad.
14.	Designing and Modeling of IOT,AI &ML Systems	1st to 5th ,August,2022	STMicroelectronics, AICTE, ATAL Academy & ARM education ,Noida
15.	IOT and Embedded systems	7th - 14th ,July,2022	Micron Technology ,Bangalore
16.	Institution Management System	2020-2021	Bitzplus Pvt Ltd,Chennai
17.	Institution Management System	2019-2020	Bitzplus Pvt Ltd,Chennai

Sgnature

(Dr.J.NASKATH

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