

PROFILE

Name of the Staff	: M.KANTHIMATHI
Designation	: Assistant Professor (Senior Grade)
Date of joining in the college	: 10.06.2019
E-mail Id	: kanthimathi_cse@nec.edu.in
MobileNumber	: 8754172042



Educational Qualification

Educational Qualification	Branch	Name of the Institution/University	Yr. of Passing	% of Marks	Class/ Division
Ph.D	ICE	Anna University	Pursuing		
M.E	CSE	National Engineering college,Kovilpatti	2018	8.76	First class with Distinction
B.E	CSE	National Engineering college,Kovilpatti.	2016	8.52	First class with Distinction
HSC		A.U.P.E.T Chinmaya Vidhyalaya Matriculation Higher Secondary School,Tirunelveli.	2012	88.17	
SSLC		A.U.P.E.T Chinmaya Vidhyalaya Matriculation Higher Secondary School.Tirunelveli.	2010	92.8	

Professional Experience (In chronological order)

Designation	Institution/Organization	Period	Nature of Duties
Assistant Professor (Senior Grade)	National Engineering College, Kovilpatti	01.07.2026-till now	Teaching
Assistant Professor.	National Engineering College, Kovilpatti	10.06.2019 - 30.06.2026	Teaching

No. of years of Experience	i.NEC	:	7 years 1 month	ii .Other Colleges	:
	iii.Industry	:		iv. Other than above	:

List of Consultancy Projects

Sl.no	Title of the Project	Funding Agency	Amount	Period
1.	Tree Plantation, Tracking and Tagging Software	Pongu Ventures Private Limited	Rs.20000	Jan - Apr 2026

List of International Journals

S.No.	Name of the Authors	Title of Paper	Name of Journal	Page No & Volume	Year of publication	Impact Factor
1.	Susma, Subashini, Ponmani, Padmavathi, G.R.Hemalakshmi, M. Kanthimathi	Smart Inverter Monitoring System – SIMS	International Journal Of Scientific & Technology Research(IJSTR)	Volume 9, Issue 03, Pp: 3143 – 3145.	March 2020	5.1
2.	C.Gowri Shankar, Ms.T.Bhuvaneswari, Ms.M.Kanthimathi , Ms.N.Anitha Devi, Ms.S.Manoruthra	A Survey on Blockchain Applications	IT in Industry	Vol.9,No.3,2021	May 2021	ESCI
3.	R.Abinaya R.Lakshmi Priya S.Linga Suvetha M. Kanthimathi	A Novel Sensible Health Observation System	IT in Industry	Vol.9,No.3,2021	May 2021	ESCI
4.	Anshio SV, Abinesh K, Jayanth S, and Kanthimathi M	A Web of Things-Specific IFTTT Applet: Integration of a Trigger Service with Action Services	IEEE - Explore	DOI: 10.1109/ICOEI56765.2023.1012601	April 2023	
5.	R.Srimathi, K.Rajkumar, M.Kanthimathi	High Performance-Based Deep Neural Networks for Efficient Tomato Leaf Disease Detection	Springer - Proceedings of International Conference on Communication and Computational Technologies, Algorithms for Intelligent Systems	DOI: https://doi.org/10.1007/978-981-99-3485-0_16	September 2023	
6.	M.Karthick Narayanan, K.Manoj, R.Laxmi Narayanan and M.Kanthimathi	Virtual Brokerage	International Research Journal on Advanced Engineering Hub	DOI: https://doi.org/10.47392/IJAEH.2024.0052	March 2024	

List of International Conference

S.No	Name of the Faculty	Title of Paper	Name of the Conference	Year of publication
1.	Ms.M.Kanthimathi , Mr.D.Vijayakumar	An Enhanced Approach of Genetic and Ant colony based Load balancing in Cloud environment	IEEE International Conference on Softcomputing and Network security	February 2018
2.	C.Gowri Shankar H.Karthick Charan Ms.M. Kanthimathi Ms.T. Bhuvaneswari Ms.N. Anitha Devi	Blockchain-A new Era	International conference on Ubiquitous AI and Machine Learning	October 2020
3.	R.Abinaya R.Lakshmi Priya S.Linga Suvetha Ms.M. Kanthimathi	A Novel Sensible Health Observation System	International conference on Recent Challenges in Engineering Science and Technology	April 2021

4.	S.Rajeswari, R.Mohana Priya Kavitha, R.Dhivya Shree, Ms.M.Kanthimathi	Automatic Temperature and Alert System	3 rd International Conference on Power and Embedded Drive Control	August 2021
5.	S.Rajeswari, R.Mohana Priya Kavitha, R.Dhivya Shree, Ms.M.Kanthimathi	Automatic CGPA Calculation using RPA	IEEE International E-Conference on “Emerging Technologies and Applications for a Smart and Sustainable World”(ICEmTASS’21)	December 2021
6.	Yogalakshmi.S, Yogitha Lakshmi.R, Ms.M.Kanthimathi	Crop Prediction and monitoring system using IOT	IEEE International E-Conference on “Emerging Technologies and Applications for a Smart and Sustainable World”(ICEmTASS’21) [Won Best Paper award]	December 2021
7.	S.Rajeswari, R.Mohana Priya Kavitha, R.Dhivya Shree, Ms.M.Kanthimathi	Learning Loft - A Virtual Classroom	International Conference on “Communication, Cyber Security, Robotics, Artificial Intelligence and IoT- ICCRAI 2022”	June 2022.
8.	Yaleni.S Yogalakshmi.S, Yogitha Lakshmi.R, Ms.M.Kanthimathi	Controlled ethereum wallet for Greater returns	International Conference on “Communication, Cyber Security, Robotics, Artificial Intelligence and IoT- ICCRAI 2022”	June 2022.
9.	Abinayasree M, Ballammal L and Kanthimathi M	Campus Recruitment Management System	International Conference on Advanced Materials and Technologies for Industry 4.O-"ICAMT 4.O"	March 2023
10.	Sobiah M, Siva Dharshini G, Sreeja N.U and Kanthimathi M	Smart mirror - A Personal Assistant	International Conference on Advanced Materials and Technologies for Industry 4.O-"ICAMT 4.O"	March 2023
11.	V.Akash, G.Anklesh, B.Prithvi Sakthi, Ms.M.Kanthimathi	Hand Gesture Recognition using Video players	Second International conference on recent trends in Management, Engineering and Technology(ICMET 2023)	December 2023
12.	K.S.Janath Shiv, S.Dhanapathi, Nithish Shankar, M.Kanthimathi	Beginner Friendly Drawing Pad using AI	International conference on Advancements in Science, Technology and Management(ICASTM 2024)	April 2024
13.	R.Shampath Kumar ,M.Rahul Saran, K.Mohammed Hanifa, M.Kanthimathi	Cotton Leaf Disease Prediction using CNN	2nd International Conference on Recent Advances in Engineering and Computer Applications(ICRAECA 2025)	January 2025

14.	R.Dharshini, S.Aarthi, M.Kanthimathi	EventLink - An efficient Registration with QR Codes	6th International Conference on Innovative Trends in Information Technology	February 2025
15.	K.Bhavani, Tazveen Zanab, B.Shunmugapriya, A.Shenbagaraman, M.Kanthimathi	Advancing Cardiovascular Disease Prediction using LLMs	Second International Conference on Machine Learning and Autonomous Systems(ICMLAS 2025)	March 2025
16.	Dhana Karthick S; Manoj Deepan M; Mehran Mushtaq; M Kanthimathi	Enhancing Moodle with AI-Powered Learning Path	3rd DMIHER International Conference on Artificial Intelligence in Healthcare, Education and Industry (IDICAIHEI)	November 2025
17.	Sivaram.V, Pandiyar.K, Harish Kumar.N, Kanthimathi.M	Sentimental Analysis of X posts using BERT for Mentality Profiling	6th International Conference on Advanced Computing and Communication Technology(ICACCT'26)	March 2026

List of National Conferences

S.No	Name of the Faculty	Title of Paper	Name of the Conference	Year of publication
1.	Ms.M.Kanthimathi	Cloud computing- A Survey	NCRTECT	March,2017

Recognition:

- Wipro Certified Faculty in “Java Full Stack”
- Received Top Performing Mentor for the course “Blockchain and its Applications” during Jan to April 2022

Mentored Projects in Project Expo/Competition:

S.No	Name of the Faculty	Title of Project	Name of the Competition	Year of participation
1.	S.Rajeswari, R.Mohana Priya Kavitha, R.Dhivya Shree, M.Kanthimathi	Temperature Detection And Automation In Colleges [Received Guide Appreciation certificate]	“Fifth IEEE National Level Project Competition- 2021”	June,2021
2.	V.Akash, G.Anklesh, B.Prithvi Sakthi, M.Kanthimathi	Hand Gesture Recognition for video players [Won First place with cash prize of Rs.2500]	Project Expo - IEEE Student Branch, Kalasalingam Academy of Research and Education,Krishnakoil	March 2023
3.	Aashik Niswin Rj Aravindh Raj B Mithunkumar C Ajith S M.Kanthimathi	Club Hub [Won Second place with cash prize of Rs.5000]	Mobile app contest – EUPHORIA - Kalasalingam Academy of Research and Education	March 2024

Talent Scholarship Organized

S.No	Title	Event type	Duration of the workshop	Number of Participants
1.	2 nd State level PYWEEK – A pygame/Web Development Contest	Programming contest	23 rd to 28 th August 2021	200
2.	3 rd State level PYWEEK – A pygame/Web Development Contest	Programming contest	11 th to 18 th July 2022	110
3.	4 th State level PYWEEK – A pygame/Web Development Contest	Programming contest	16 th to 24 th June 2023	343
4.	5 th State level PYWEEK – A pygame/Web Development Contest	Programming contest	22 nd to 29 th May 2024	149

Technical Events organized

S.No	Title	Duration	Number of Participants
VALUE ADDED COURSES			
1.	Tableau for Data Visualization	August – November 2023	33
2.	Power BI Playbook: A beginner's guide to Analytics	February – May 2024	41
3.	Front end Mastery: Building User-Centric Experiences	February – May 2024	62
TECHNICAL SYMPOSIUMS			
4.	Hi-Tech Fest 2022 (Intra college)	18 th and 19 th November 2022	183
5.	COMPONEC 2023 (Inter college)	23 rd and 24 th March 2023	356
6.	TECHNOVANZA 2K23 (Intra college)	9 th September 2023	173
7.	NECTECH FEST (Inter college)	22 nd and 23 th March 2024	366
WORKSHOPS			
8.	Front end Essentials (Intra college)	28th and 29th March 2025	200
9.	Front end Essentials (Intra college)	28th and 29th March 2025	200

Industry Know how Attended

S.No	Title	Date	Venue
1.	TalentNext Wipro Certificate Faculty Program on Java Full Stack	18.08.2025 to 29.08.2025	Wipro Technologies, Chennai
2.	Full Stack - Web Application Development	20.06.2025 to 23.06.2025.	Icanio Technologies, Tirunelveli
3.	Industrial Training in Data Analytics using Tableau	22 nd June to 6 th July 2023	NSIC-TSC Hyderabad
4.	Python Programming	25 th to 30 th May 2020	Infosys INFYTQ platform

Short term Courses/Seminar/Conference/Workshop Attended

S.No	Institution	Topic	Course Detail	Date
1.	NPTEL Online Course	Medical Image Analysis	12 weeks course	July-Oct 2025
2.	Infosys Springboard	Javascript	Short term Course	4 Feb 2025
3.	Infosys Springboard	CSS 3	Short term Course	4 Feb 2025
4.	Francis Xavier Engineering College	JAVA Full Stack with React JS & AI.	Faculty Development program	2nd to 22nd December 2024
5.	Department of Social Work, Nehru Arts and Science College, Coimbatore, Tamilnadu, India	Generative AI: A Comprehensive Approach to Research Writing, Proposal Development, and Funding	Faculty Development program	25th to 30th November 2024
6.	NPTEL Online Course	Moral Thinking: An Introduction to Values and Ethics	4 weeks course	Aug-Sep 2024
7.	National Engineering College, Kovilpatti	Deep Learning - An Industrial Approach and Hands - on Training	Faculty Development program	16th to 17th August 2024
8.	NITTTR, Chennai	Instructional Design and Delivery Systems	Professional Development Programme	16th to 18th May 2024
9.	Matrusri Engineering college, Hyderabad	Cloud Infrastructure AWS	Faculty Development program	21 st to 26 th August 2023
10.	Anna University Regional Campus, Tirunelveli	CS3352 – Foundations of Data Science	Faculty Development program	21 st to 26 th August 2023
11.	SCOPE, VIT, Vellore	Research Data Management	Faculty Development program	13 th to 17 th March 2023
12.	Infosys Springboard	HTML5 - The Language	Short term Course	May, 2023
13.	COURSERA	Create a Website Using Wordpress : Free Hosting & Sub-domain	Short term Course	May 15 2023
14.	COURSERA	Build a Full Website using WordPress	Short term Course	May 15 2023
15.	Infosys Springboard	Angular	Short term Course	May, 2023
16.	National Engineering College, Kovilpatti	Stochastic Approximation Algorithms	2 days instructional course	27th and 28th April 2023
17.	COURSERA authorized by University of London	Responsive Website Basics: Code with HTML, CSS, and JavaScript	Short term Course	19 th April 2022
18.	NPTEL Online Course	Database Management Systems	8 weeks course	Jan – Mar 2022
19.	INFLIBNET Centre, An IUC of University Grants Commission	Advanced Cloud Computing Technologies and Its Benefits for Engineering College Faculties	Faculty Development program	13 th to 17 th September 2021

20.	Indian Institute of Information Technology Kottayam.	Machine Learning Algorithms and Applications	Faculty Development program	4 th to 8 th November 2020
21.	COURSERA authorized by University of California, Davis	Introduction to Web Development	Short term Course	17 th June 2020
22.	COURSERA authorized by University of London	Machine Learning for all	Short term Course	8 th June 2020.
23.	University College of Engineering, Ariyalur in association with Pantech E- Learning	Concepts in Machine Learning using Python	Webinar	5 th June 2020
24.	Department of CSE, SCSE, JAIN University, Bangalore	Image classification using MATLAB	Faculty Development program	24 th May 2020
25.	Internal Quality Assurance Cell and School of Computational Science	AI based proctoring in Next Generation Education	International Faculty Development program	23 rd May 2020.
26.	COURSERA authorized by IBM	Machine Learning with Python	Short term Course	18 th May 2020
27.	Department of Information Technology, Jeppiaar Institute of Technology, Chennai	Data Science using python	Faculty Development program	18 th – 22 nd May 2020.
28.	AICTE and Elsevier	Research Workflows, Research Metrics & Excellence in Academic Institutes	Webinar	14 th May 2020
29.	Gautam Buddha University, Greater Noida, Uttar Pradesh	Blockchain Technology for New Era of Higher Education	Webinar	14 th May 2020
30.	VIT, Chennai	BOSS Linux	Faculty Development program	14 th May 2020
31.	codegnan IT solutions	Introduction to Natural Language Processing	Webinar	13 th May 2020
32.	COURSERA authorized by Duke University	Programming Fundamentals	Short term Course	3 rd April 2020
33.	SOLOLEARN	C Tutorial	Short term Course	31 st March 2020
34.	UDEMY	Basic to semantic HTML: How to structure Web pages	Short term Course	9 th March 2020
35.	SOLOLEARN	HTML Fundamentals	Short term Course	3 rd March 2020
36.	National Engineering College, Kovilpatti and Teaching Learning Centre (ICT) at IIT Bombay	C and C++	Workshop	29 th February 2020
37.	National Engineering College, Kovilpatti	CS8602-Compiler Design	Anna University sponsored Faculty Development Training Program	16 th – 21 st December 2019

38.	National Engineering College, Kovilpatti	Entrepreneurship	DST Sponsored Faculty Development program	2 nd – 14 th December 2019.
39.	National Engineering College, Kovilpatti	Linux	workshop	23 rd August 2019
40.	National Engineering College, Kovilpatti	Introduction to Python programming	Faculty Development program	1 st – 3 rd August 2019
41.	IITBombayX, an online learning initiative of Indian Institute of Technology Bombay.	3D Visualization and Animation	Short term Course	27 December, 2019

Contribution to the Institution

- Alumni Council Member (2023 – till date)
- CSI Student Branch Counselor(2023 – 2024)
- Faculty Coordinator IT Club(2024)
- IE(I) Staff Advisor (2022-2023)
- Skillrack In-lab incharge (2020-2024)
- Member in various committees
- (NBA, NAAC, Alumni reunion, Graduation Day)

Contribution to the Department

- Department Placement Co-Coordinator (2027 batch)
- Alumni Coordinator
- Tutor (Third year)
- Time table Coordinator (2023-2026)
- Lab Incharge ICL (2025-till date)
- Time table member (2021-2023)
- NBA Criteria-4 Member
- CSE Association Incharge (2022-2023)
- NPTEL Student Mentor (2021-2022)
- Exam wing member (2020- 2021)
- Newsletter Editor(2019-2021)

Membership in Professional Bodies:

- IAENG