PROFILE

Name of the Staff	: M.KANTHIMATHI
Designation	: Assistant Professor
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.	National Engineering College, Kovilpatti	10.06.2019 - till now	Teaching

No. of years of Experience   **i.NEC**   :   **5 years 1 month**   **ii .Other Colleges**   :

iii.Industry   :   **iv. Other than above**   :

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.LingaSuvetha **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	

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 Loadbalancing in Cloud environment	**IEEE International Conference** on Softcomputing and Network security	February2018
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	3rd 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

S.No	Name of the Faculty	Title of Paper	Name of the Conference	Year of publication
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- ICCCRAI 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- ICCCRAI 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.	M.Karthick Narayanan, K.Manoj, R.Laxmi Narayanan and **M.Kanthimathi**	Virtual Brokerage	Fourth International conference on Advancements in Research and Development (ICARD 2024)	January 2024
13.	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

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

Product development Activities:
- Received seed money for the project "Design and Development of a Plant Disease Diagnosis Framework using Machine Learning integrated with Mobile App." during the academic year 2021-2022.

Recognition:
- 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.	2nd State level PYWEEK – A pygame/Web Development Contest	Programming contest	23rd to 28th August 2021	200
2.	3rd State level PYWEEK – A pygame/Web Development Contest	Programming contest	11th to 18th July 2022	110
3.	4th State level PYWEEK – A pygame/Web Development Contest	Programming contest	16th to 24th June 2023	343
4.	5th State level PYWEEK – A pygame/Web Development Contest	Programming contest	22nd to 29th 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)	18th and 19th November 2022	183
5.	COMPONEC 2023 (Inter college)	23rd and 24th March 2023	356
6.	TECHNOVANZA 2K23 (Intra college)	9th September 2023	173
7.	NECTECH FEST (Inter college)	22nd and 23th March 2024	366

Industry Know how Attended

S.No	Title	Date	Venue
1.	Industrial Training in Data Analytics using Tableau	22nd June to 6th July 2023	NSIC-TSC Hyderabad
2.	Python Programming	25th to 30th May 2020	Infosys INFYTQ platform

Short term Courses/Seminar/Conference/Workshop Attended

S.No	Institution	Topic	Course Detail	Date
1.	Matrusri Engineering college, Hyderabad	Cloud Infrastructure AWS	Faculty Development program	21st to 26th August 2023
2.	Anna University Regional Campus, Tirunelveli	CS3352 – Foundations of Data Science	Faculty Development program	21st to 26th August 2023
3.	SCOPE,VIT,Vellore	Research Data Management	Faculty Development program	13th to 17th March 2023
4.	Infosys Springboard	HTML5 - The Language	Short term Course	May,2023
5.	COURSERA	Create a Website Using Wordpress : Free Hosting & Sub-domain	Short term Course	May 15 2023
6.	COURSERA	Build a Full Website using WordPress	Short term Course	May 15 2023
7.	Infosys Springboard	Angular	Short term Course	May,2023
8.	COURSERA authorized by University of London	Responsive Website Basics: Code with HTML, CSS, and JavaScript	Short term Course	19th April 2022
9.	NPTEL Online Course	Database Management Systems	8 weeks course	Jan – Mar 2022
10.	INFLIBNET Centre, An IUC of University Grants Commission	Advanced Cloud Computing Technologies and Its Benefits for Engineering College Faculties	Faculty Development program	13th to 17th September 2021
11.	Indian Institute of Informtion Technology Kottayam.	Machine Learning Algorithms and Applications	Faculty Development program	4th to 8th November 2020
12.	COURSERA authorized by University of California, Davis	Introduction to Web Development	Short term Course	17th June 2020
13.	COURSERA authorized by University of London	Machine Learning for all	Short term Course	8th June 2020.

14.	University College of Engineering, Ariyalur in association with Pantech E-Learning	Concepts in Machine Learning using Python	Webinar	5th June 2020
15.	Department of CSE,SCSE, JAIN University, Bangalore	Image classification using MATLAB	Faculty Development program	24th May 2020
16.	Internal Quality Assurance Cell and School of Computational Science	AI based proctoring in Next Generation Education	International Faculty Development program	23rd May 2020.
17.	COURSERA authorized by IBM	Machine Learning with Python	Short term Course	18th May 2020
18.	Department of Information Technology, Jeppiaar Institute of Technology,Chennai	Data Science using python	Faculty Development program	18th – 22nd May2020.
19.	AICTE and Elsevier	Research Workflows, Research Metrics & Excellence in Academic Institutes	Webinar	14th May2020
20.	Gautam Buddha University, Greater Noida, Uttar Pradesh	Blockchain Technology for New Era of Higher Education	Webinar	14th May2020
21.	VIT, Chennai	BOSS Linux	Faculty Development program	14th May 2020
22.	codegnan IT solutions	Introduction to Natural Language Processing	Webinar	13th May2020
23.	COURSERA authorized by authorized by Duke University	Programming Fundamentals	Short term Course	3rd April 2020
24.	SOLOLEARN	C Tutorial	Short term Course	31st March 2020
25.	UDEMY	Basic to semantic HTML: How to structure Web pages	Short term Course	9th March 2020
26.	SOLOLEARN	HTML Fundamentals	Short term Course	3rd March 2020
27.	National Engineering College, Kovilpatti and Teaching Learning Centre (ICT) at IIT Bombay	C and C++	Workshop	29th February 2020
28.	National Engineering College, Kovilpatti	CS8602-Compiler Design	Anna University sponsored Faculty Development Training Program	16th – 21st December 2019
29.	National Engineering College, Kovilpatti	Entrepreneurship	DST Sponsored Faculty Development program	2nd – 14th December 2019.
30	National Engineering College, Kovilpatti	Linux	workshop	23rd August 2019
31.	National Engineering College, Kovilpatti	Introduction to Python programming	Faculty Development program	1st – 3rd August 2019

32.	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)
- Faculty coordinator IT Club (2024-till date)
- CSI Student Branch Counselor (2023-2024)
- IE(I) Staff Advisor(2022-2023)
- Skillrack In lab Incharge(2020-2024)

Contribution to the Department

- Tutor
- Time table Co ordinator (2023-till date)
- Time table committee member (2021-2023)
- Alumni Coordinator
- CSE Association incharge (2022-2023)
- Examwing incharge (2020-2021)
- Newsletter Editor (2019-2021)
- NBA Criteria 4 member

Membership in Professional Bodies:

- CSI Member