

BIODATA



Name : **Mrs.THEVAHI.B**
Designation : Assistant Professor
Department : Information Technology
Address for Communication : 4/255 C,Mullai Nagar-Seithur
Rajapalayam,
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1. Educational Qualification:

Degree	Branch/Specialization	Institute/University	Year of Passing
B.E	Computer Science and Engineering	V.P.M.M. Engineering College for Women.	2011
M.E	Computer Science and Engineering	Anna University Regional Office- Madurai	2014

2. Professional/Industry Experience:

S.No	Designation	Institution/Organization	Period	
			From	To
1.	Assistant Professor	Ramco Institute of Technology, Rajapalayam	02.07.2025	Till date
2.	Assistant Professor	P.S.R.Engineering College	25.03.2024	31.05.2025
3.	Teaching Assistant	Kalasalingam University	18.06.2015	30.06.2018

3. Research Interest: Networking, Cloud Computing, Machine Learning.

4. Publications

4.1 Journal Publications

- Thevahi.B Published a paper entitled **“SI-CL-SDEO Algorithm for Improving HDFS Performance and Data Reliability”** for publication with International Journal of Advanced Computer Science and Applications (IJACSA), ISSN vol. 16-No 1(Jan- 2025). indexed).
- Thevahi.B A Published a paper entitled **“Food Bank Management”** International Journal of Emerging Technologies and Innovative Engineering, 201844026, Vol.4, special Issue 4, April-2018.

4.2 Conference Publications

- B. Thevahi Presented a paper entitled, **“Secure ad Efficient Data Transmission for cluster based WSN”** in National Level Conference on” Emerging Trends in Information and Communication Engineering 2K14”at Imayam College of Engineering.
- B. Thevahi Presented a paper entitled, **“Secure ad Efficient Data Transmission for cluster based WSN”** in International Conference on” Advances in Engineering, Technology & Management 2014”, ICAET’14 at NPR College of Engineering.
- B. Thevahi Presented a paper entitled, **“Area, Power and Delay Analysis approach for Multipliers Design of FIR Filter”** in International Conference on” Applied Soft Computing Techniques(ICASCT’18)”at Kalasalingam Academy of Research and Education.
- B. Thevahi Presented a paper entitled, **“FOOD BANK”** in National Level Conference on” Data Computing, Communication, Security and IOT(NCDCCSIT’18)” at Kalasalingam Academy of Research and Education.
- **“Advancing IOT Data Forecasting using Deep Learning: A Comprehensive Framework for Resilience, Scalability, and Real World Deployment”** (ICOFE-2024) organized by K.S.R. Engineering college.
- **“Driven Fraud Detection and Prevention System”** patent. -19.12.2024.
- **“Human Activity Recognition and Monitoring Device”** patent-11.12.2024.
- **“Threat Detection and Mitigation Monitoring Instrument”**-patent-11.12.2024.
- **“Quantum Inspired Machine Learning Framework for Predicting Chemical Reaction in Nano-Materials”**-patent-30.01.2026
- **“Machine Learning-Driven System for Real-Time Weather Analysis, Climate Forecasting, and Early Disaster Alerts”**- patent -30.01.2026
- **“Deep Learning-Based Multimodal Medical Analysis and Decision Support System”**- patent -30.01.2026.

5.Shortterm Courses/Seminars/FDP/Workshop/Conference Attended:

Sl.No	Title of the event	Organized by	Date	
			From	To
1.	Network S imulator-2	Kamaraj College of Engineering and Technology	22.10.2010	23.10.2010
2.	Assessment and Accreditation	Kalasalingam University	02.09.2015	04.09.2015
3.	JAVA Structs2 for Web Application Development	Mepco Schlenk Engineering college.	09.09.2015	10.09.2015
4.	Embedded System and Sensor Technologies	Kalasalingam Academy of Research and Education	04.02.2016	06.02.2026
5.	Cloud Infrastructure and Services	ICT Academy	23.05.2016	28.05.2016
6.	The capacity of Building Workshop on Employability and Employment of Persons with Disability.	Enable India	27.02.2017	28.02.2017
7	Foundation program in ICT for Education.	PMMMNMITT,MHRD,GOL	03.08.2017	07.09.2017
8	CSI Sponsored Workshop on Image and Video processing using MATLAB	Kalasalingam Academy of Research and Education	08.03.2018	09.03.2018
9	Python Programming and its applications	Pearson-Faculty Connect Program	02.04.2018	03.04.2018
10	Employability and Employment of Persons with Disability	Kalasalingam Academy of Research and Education	27.02.17	28.02.2017
11	Java Fundamentals and Java Programming	Oracle Academy	20.08.2016	-
12.	ASP.NET	ASTRO Computer Education	10.01.2011	10.03.2011
13	Recent Trends in Computing 4.0	Viswakarma Institute of Technology	08.07.24	13.07.2024
14	Augmented Reality and Virtual Reality	P.S.R.Engineering College	25.07.24	27.07.2024
15	Instructional Design and Delivery Systems	NITTR-P.S.R. Engineering College	20.01.25	24.01.2025

16	Cybersecurity	ICT ACADEMY	14.07.25	18.07.2025
17	A Systematic Review of Machine Learning-Based Infant Cry Signal Analysis	Sri Krishna College of Engineering and Technology	07.11.25	08.11.2025
18	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL-IITM	July	October
19	Deep Learning Insights: Image ,Signal and Language Dimensions	Department of CSE, Jayaraj Annapackiam C.S.I. College of Engineering, Margoschis Nagar, Nazareth	01.12.2025	05.12.2025
20	R&D Conclave 2025	Ramco Institute of Technology	23.12.2025	-
21	Natural Language Processing for Modern AI Systems	Department of Information Technology, Ramco Institute of Technology, Rajapalayam	22.12.2025	26.12.2025
22	Art of Counselling	M.S.Chellamuthu Trust and Research Foundation	25.02.2026	26.02.2026
23	Used Car Resale Value Prediction using ML	Prince Shri Venkateshwara Padmavathy Engineering College ,Prince Dr.K.Vasudevan College of Engineering & Technology	07.03.2026	-

6.Short term Courses/Seminars/FDP/Workshop/Conference organized

Sl.No	Title of the event	Organized by	Date	
			From	To
1.	Inauguration of AURA-24&TT-24	P.S.R. Engineering College, Sivakasi	16.08.2024	-
2.	Design Thinking and Innovations	P.S.R. Engineering College, Sivakasi	06.02.2025	-
3.	Web Development	P.S.R. Engineering College, Sivakasi	28.10.2024	-