Mrs. E. Margaret Belsia, M.E, (Ph.D),

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Area of Interest:

- ✓ Digital System Design
- ✓ Signals and Systems
- ✓ VLSI Design
- ✓ LIC

Educational Qualification:

- ➕ *Ph.D:* Pursuing in *VLSI Design* at PSNA College of Engineering and Technology, Dindigul.

- ➕ *Master's* in *VLSI Design* at College of Engineering Guindy, Chennai, 2017-2019 (*First Rank Holder- Secured: 9.2*)

- ➕ *Bachelor's* in *Electronics and Communication Engineering* at Mepco Schlenk Engineering College, Sivakasi, 2013-2017 (*Secured: 8.8*)

Carrier Details:

Name of the Post	Name of the Institution	Period
Assistant Professor	University College of Engineering, BIT Campus, Anna University, Tiruchirappalli.	01/12/2025 – Till Date
Teaching Fellow	University College of Engineering, Anna University, Dindigul.	08/09/2023 – 29/11/2025
Teaching Fellow	Madras Institute of Technology, Anna University, Chennai.	17/02/2020 – 05/09/2023
	Total Experience	**5 Years 11 Month**

Software Known:

- Xilinx Vivado
- Quatrus

Programming Skills:

Verilog, Basic C programming, Basics of Python

NPTEL and SCoE Certification:

Timeline	Course Name	Percentage
Jan-Apr 2024	Design and Analysis of VLSI Subsystems	65
Jan-Apr 2024	Computer Vision and Image Processing - Fundamentals and Applications	52
Jan-Mar 2021	CMOS Digital VLSI Design	79
Sep 2020-Feb 2021	Basics of PLC conducted at Siemens Centre of Excellence - MIT Campus	-

Administration Work:

S.No	Details
1.	Appointed as Co-Ordinator for Unnat Bharat Abhiyan in the Department of ECE-UCE, Dindigul.
2.	Purchasing of FPGA Development Board for Artix -7
3.	Appointed as Hall Superintendent for TANCET, CEETA Examination
4.	Delivered a lecture on the topic of "Vital Role of Semiconductor Industry "during First Year Induction Program-UCE, Dindigul.
5.	Internal Hall Superintend during Semester Examination
6.	Remaining Class Advisor for 2022-2026 Batch ECE students from 2023-UCE, Dindigul.
7.	Department of ECE Exam Cell Coordinator-UCE, Dindigul.
8.	Internal Examiner for semester Laboratory Examinations
9.	Remaining Mentor for Naan Mudhalvan Course
10.	Examiner for Valuation of Answer Scripts - MIT Campus
11.	Appointed as a Question Paper Setter for End Semester Examination -MIT Campus
12.	Actively involved in collecting the details for Criterion-8 first year Academics details of NBA Visit -MIT Campus
13.	Documentation of details and arrangements during NAAC visit - MIT Campus

Project Guidance:

NAAN MUDHALVAN
NIRAL THIRUVIZHA GUIDED PROJECTS

S.No.	PROJECT TITLE	TEAM MEMBERS	YEAR	STATUS
1.	Water Leakage Detection and Monitoring System Using Blynk IoT	Mani Priya P (922321106016), Swetha A B (922321106040), Siva Sankar L (922321106036)	2025	Regional Review Completed
2.	Smart Monitoring System for Temperature and Humidity Control in Perishable Goods.	Sivanitha D (922321106035), Harshavarthini (922321106011), Narmatha B (922321106019), Abitha J (922321106003)	2025	Regional Review Completed
3.	AI Driven Sensor Based System for Smart Irrigation	Ahamadh Jalal (922320106002), Hemalatha M (922320106008), Madhan T (922320106012), Sathiyaprakash (922320106023)	2024	Regional Review Completed

UG Projects Guided: 6 -Teams
PG Projects Guided: 1

FDP/Workshop:

- "OBE, Research Empowerment through Technology" organized by KCG College of Technology-01/07/2025 to 05/07/2025.
- AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Recent Trends in High Performance Computing Using Ai" 6 Days-17/02/2025.
- NPTEL -Design and Analysis of VLSI Subsystems, 12 Weeks, Jan-March 2024.
- Supporting in Evaluation of Students projects on IBM Professional Readiness for Innovation, Employability and Entrepreneurship program on Emerging technology (Artificial Intelligence, Internet of Things, Data Science and Data Analytics) for 7 Days from 12/03/2024
- "Learn To Simulate and Test Your Adas ECU", organized by ANCIT EDUTECH and conducted under the auspices of Naan Mudhalvan Program, Tamil Nadu Skill Development Corporation 6 Days from 29/07/2024
- AICTE Training and Learning (ATAL) Academy Online FDP on "Leadership & Excellence" from 2021-1-11 to 2021-1-15
- AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Latest Technological Developments for System on Chip (SoC) Applications" from 26/07/2021 to 30/07/2021.
- NPTEL-FDP on Design and Analysis of VLSI Subsystems Apr-May 2024.