


## Faculty Profile

<b>Faculty</b>	<p><b>Prof. Vetrikani R</b>                  Assistant Professor,  <b>Department of Electronics and Communication Engineering</b>                  East Point College of Engineering &amp; Technology</p>
	<p><b>Profile*</b></p> <p>Prof. Vetrikani R did her B.E in Electrical and Electronics Engineering under Anna University, Chennai in 2006 with 85%. She did her M.E in VLSI Design from Anna University, Coimbatore in 2010 with 9.23 (CGPA).</p> <p>She has published 1 patent and 7 research papers in various International and National journals and Conferences. Her area of interest includes Electric Vehicle, Control Systems, Machine Learning. She has an experience of more than 13 years.</p> <p>A dedicated and a passionate teacher committed to improve the performance of the students.</p>
	<p><b>Publications</b></p> <p><b>Books</b></p> <ul style="list-style-type: none"> <li>• Name of the book: Electromagnetic Fields Keysight's and Concepts                      Publisher: Scientific International Publishing House                      Year of Publication: 2023</li> </ul> <p><b>Journals</b></p> <ul style="list-style-type: none"> <li>• “Numerical Simulation of Characteristics of NWMOSFET”, in International Journal of Applied Engineering Research (IJAER), special issues- vol 10(9), 2015</li> </ul> <p><b>Conferences</b></p> <ul style="list-style-type: none"> <li>• "Selection of suitable filter parameters for denoising breast thermograms using anisotropic diffusion filter", 1 st International Conference on Smart Technologies, Communication and Robotics (ICSCR 2023), 2023.</li> <li>• “A Review On Machine Learning Techniques For Predicting Seizures Using EEG Signals”, NGIEC-2022. 2022.</li> <li>• “Movable Road Dividers”, NGIEC 2021, 2021.</li> <li>• “Automatic Star Delta Starter using Relays and Adjustable Electronic Timer”, 3 rd National Conference on Recent Advancements in Electrical and Electronics Technology (RAEET -2018), 2018.</li> <li>• “Diagnosis of Epilepsy – A Systematic Review”, 2017 IEEE sponsored 3 rd International Conference on Bio signals, Images and Instrumentation (ICBSII 2017), 2017.</li> <li>• “A Two-Dimensional Numerical Modeling of Nanowire MOSFET for Nanoscale Devices”, 2 nd National Conference on Signal Processing, Communications and VLSI Design (NCSCV'10), 2010.</li> </ul>

<b>Achievements / Awards / Recognitions</b>
<ul style="list-style-type: none"> <li>• Best Paper Award for the paper titled "Selection of suitable filter parameters for denoising breast thermograms using anisotropic diffusion filter", 1 st International Conference on Smart Technologies, Communication and Robotics (ICSCR 2023), 2023.</li> </ul>
<b>Workshops / FDPs / Seminars</b>
<p>Participated in various workshops / FDPs</p> <ul style="list-style-type: none"> <li>• One day IEEE Conference Organizers Education Workshop COEW-2022 10 th April, 2022.</li> <li>• A Five-Day Online Faculty Development Programme on “Recent Advances in Electrical Engineering”, GATES Institute of Technology 21 st to 25 th March 2022.</li> <li>• Five days international online Faculty Development Program on “Advancement in Communication Engineering Technologies with Simulation Tools”, Vishnu Institute of Technology 1 st July 2020 to 5 th July, 2020.</li> <li>• Two weeks online Faculty Development Programme on “Python” JSS Mahavidyapeetha, Noida 22 nd June to 4 th July 2020.</li> <li>• Five days Faculty Development Programme on “Digital Electronics and Microprocessor”, PSN College of Engineering and Technology 26 th to 30 th June 2020.</li> <li>• Faculty Development Programme on “Engineering Technologies in Recent Scenario”, Dhanalakshmi Srinivasan Engineering College, Perambalur, 06.06.2020 to 08.06.2020.</li> <li>• One Week National Level Online Faculty Development Programme on “Recent Advances in Electrical Engineering (RAEE-2020), Vemu Institute of Technology, 03-06-2020 to 07-06-2020.</li> <li>• A One-week workshop on “Advances in Power Systems and Protection”, M.S. Ramaiah Institute of Technology, Bangalore, 19 th to 23 rd July, 2016.</li> <li>• A Two days International Workshop and IEEE EDS Mini – Colloquia on “The Past and Future of Integrated Circuits Technologies”, S. K. P. Engineering College, Tiruvannamalai, 4 th and 5 th November, 2009.</li> <li>• A One-day workshop on “Implementation of Embedded System Using FPGA”, Muthayammal Engineering College, Rasipuram, 15 th February 2008.</li> <li>• A One-day seminar and Exhibition on “Current Trends in VLSI Design”, Karpagam College of Engineering, Coimbatore, 8 th December 2007.</li> <li>• Three days “Orientation Programme on Teaching Methodology (OPTeM’ 06)”, Muthayammal Engineering College, Rasipuram, 5 th to 7 th July 2006.</li> </ul>