


## Faculty Profile

<b>Faculty</b>	<p><b>Ms.Anushree N.R</b>  <b>Assistant Professor, Department of Electronics and Communication Engineering</b>  <b>East Point College of Engineering &amp; Technology</b></p>
	<p><b>Profile*</b></p> <p>Ms. Anushree N R holds M.Tech degree in the Field of Bio Medical Signal Processing and Instrumentation from BMS college of Engineering, Bangalore under VTU University, and B.Tech degree in the Electronics and Communication Engineering from Sri Sairam College of Engineering, Bangalore, Karnataka. She has published 3 International Journals. From January 2022 to June 2022 she worked as Hardware Design Engineer -Axxonet System Technologies Private Limited, Bangalore. Presently she worked as Assistant Professor in the Dept. of Electronics and Communication Engineering, East Point College of Engineering, Bangalore. Her Research Interests are Biomedical Image Processing, Control Systems, Machine Learning and Deep Learning. She was expertise in e Hardware Description Language, Basic Signal Processing, Verilog, and Logic Design, Microcontroller with embedded systems, Analog and digital electronics, Basic electronics, Octave for signals and Circuits and Controls.</p>
	<p><b>Publications</b></p> <p><b>Books</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>Journals</b></p> <ul style="list-style-type: none"> <li>• Anushree N R, Roshni A Ramesan , Sirasappa.Y. Pattar3 “Classification of Breast Cancer using PNN Classifier”, International Journal of Innovative and Research Technology, Vol.8, Issue.5, pp. 125-130.</li> <li>• Niranjan K R Anushree N R Lakshmi R, “IOT based Contact less Body Temperature Monitoring using Raspberry PI with Camera and Email Alert”, International Journal of Innovative and Research Technology, Vol.8, Issue.4, pp. 371-376.</li> </ul> <p><b>Magazines</b></p> <ul style="list-style-type: none"> <li>•</li> </ul> <p><b>Conferences</b></p> <ul style="list-style-type: none"> <li>• Anushree N R, “IOT based Body Temperature Monitoring Using Raspberry Pi”, NGIEC-2023, EPCET, Bangalore.</li> <li>• Anushree N R, “Temperature Detecting System using Raspberry Pi”, ICSCR-2023, EPCET, Bangalore.</li> </ul> <p><b>Achievements / Awards / Recognitions</b></p>

- Completed course on **“Programming Foundations with JavaScript, HTML, and CSS”** for a period of 5 weeks from 14 August 2022 to 21 September 2022.
- Completed course on **“Python for Data Science, AI and development”** for a period of one month from 25 August 2022 to 25 September 2022.
- Completed course on **“self-paced training course on Simulink Onramp”** for a period of three months from 28th Jan 2023 to April 28th 2023.
- Completed Internship on **“Multi-Object Tracking Using JDA Filter”** as Clinical and Research role at Axxonet System Technologies and Private Limited for a period of 3 months from October 2021 to January 2022.
- Completed Project on **“Image processing by using machine learning for the detection of breast cancer”**-2021. Tools used are Random Forest classifier, logistic regression, Decision tree classifier, and Confusion matrix.
- Completed Internship on **“Design of electrode-skin contact impedance measurement circuit”** as Hardware Design Engineer role at Axxonet System Technologies and Private Limited for a period of 6 months from January 2022 to June 2022.
- Completed Project on **“Real-time image processing by using Raspberry pi for the conversion of text to speech”** Tools used Optical Character recognition, Text to speech synthesizer, Tesseract, Google speech recognition.
- Completed Project on **“IOT-Based Contactless body temperature monitoring using raspberry pi with camera and email alert”** Tools used Optical Character recognition, Text to speech synthesizer, Tesseract, Google speech recognition.