Faculty	**Mamatha G** **Assistant Professor,** **East Point College of Engineering &Technology.**

	Profile*
	Mamatha G Assistant Professor of ISE Dept, M. Tech degree in Computer Science and Engineering from SVIT. B.E. degree in Information Science and Engineering from SJCIT, VTU. Pursuing Ph.D. in VTU on IoT Specialization. She has worked at institutions such as SVIT, Bengaluru, SJCIT, Chickballapur. A passionate, dedicated teacher with 5 years of experience in Academic and has published 10 publications in IEEE conference and different Journals. Attended 20+ workshops, webinars etc., on different topics.

Publications

Journals

- "Preprocessing of Tomato leaf Images for early detection of disease" Published in 2nd International Conference on Knowledge Engineering and Communication Systems, held at SJC Institute of Technology in association with IEEE Bangalore Section, April 18 & 19 2024.
- "IoT Based Plant Monitoring for Precision Agriculture" Published in 2nd International Conference on Knowledge Engineering and Communication Systems, held at SJC Institute of Technology in association with IEEE Bangalore Section, April 18 & 19 2024.
- "IoT enabled Efficient detection and classification of Threats in Plants of Agricultural Application" Published in 2nd International Conference on Knowledge Engineering and Communication Systems, held at SJC Institute of Technology in association with IEEE Bangalore Section, April 18 & 19 2024.
- "Waste Management System Using IOT Environment" Published in International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) Volume 3, Issue 6, May 2023.
- "Detection of Fake Online Reviews" Published in International Journal of Research in Engineering, Science and Management Volume-3, Issue-5, May-2020
- "A novel design and implementation of crack pattern analysis using Image processing". Published in International Journal of Advance Research, Ideas and Innovations in Technology in 2019.
- "Creating the smart campus by Internet-of-Things". Published in IJCRT– International Journal of creative Research Thoughts" in 2018.

Conferences

- "The image analysis of bone fracture and brain tumour detection using image processing". Published in International conference on latest advancement and future trends in Engineering, science and management in 2019.
- "A Study on Load Balancing in Cloud Computing". Presented in National conference on "shaping the future: digitize India! Startup India!" in 2017.
- "A Secure Deduplication of data with Encryption in Cloud Storage" Presented in 2nd International conference on "Computer science & technology allies in research ICCSTAR" and published in IJIRSET in 2017.

Achievements / Awards / Recognitions

Awards

- Received Certificate of Appreciation for conducting Explore ML program organized by **GOOGLE** at Sai Vidya Institute of Technology.
- Received Certificate of Appreciation for guiding student project who secured **Third place** in Project open House and National Conference on "Innovation in

	Engineering, Science and Technology ", Manthana -2023 at SJCIT on 24th May 2023. • Received the Certificate of Appreciation as **Best Placement Coordinator-2023** on Teacher's Day -2023 at SJCIT on September 5th 2023. **Achievements** • NPTEL certificate is awarded for successful completion of 12-week course "INTRODUCTION TO INTERNET OF THINGS" during Jul-Oct 2022. • NATIONAL INITIATIVE FOR TECHNICAL TEACHERS TRAINING (NITTT-2021) is awarded for the successful completion of MODULE 1(M1) "ORIENTATION TOWARDS TECHNICAL EDUCATION AND CURRICULUM ASPECTS" • COURSERA is awarded for the successful completion five weeks course of "INTRODUCTION TO BLOCK CHAIN TECHNOLOGIES" on 18/05/2020. • COURSERA is awarded for the successful completion four weeks course of "WEB APPLICATION SECURITY TESTING WITH OWASP ZAP" on 30/04/2020. • COURSERA is awarded for the successful completion four weeks course of "CREATE RELATIONAL DATABASE TABLES USING SQLITE STUDIO" on 29/04/2020. • COURSERA is awarded for the successful completion course of "BEGINNING SQL SERVER" on 28/04/2020. • COURSERA is awarded for the successful completion course of "BUILDING A TEXT-BASED BANK IN JAVA" on 28/04/2020. • COURSERA is awarded for the successful completion three weeks course of "CLOUD COMPUTING BASICS (CLOUD 101)" on 27/04/2020. • COURSERA is awarded for the successful completion four weeks course of "BUILD A SIMPLE APP IN ANDROID STUDIO WITH JAVA" on 25/04/2020. • COURSERA is awarded for the successful completion of a four weeks course of "PYTHON BASICS" on 22/04/2020. • NPTEL certificate is awarded for successful completion of 12-week course "PROBLEM SOLVING THROUGH PROGRAMMING IN C" during Jan-April 2019.