

FACULTY PROFILE

	Mrs. Neha Gopal N Assistant Professor Department of CSE East Point College of Engineering & Technology Email id nehagopal.epcet@eastpoint.a.cin Vidwan id https://vidwan.inflibnet.ac.in/myprofile ORCID ID 0000-0001-6808-4616 Google Scholar Id https://scholar.google.com/citations?user=IEi1dA4AAAAJ
	Profile Prof. Neha Gopal N, MTech. degree in Embedded systems and B.E. degree in Electronics and Communication in C. Byre Gowda Institute of Technology Kolar. She has worked at institutions such as Dr. T. Thimmaiah Institute of Technology, Kolar Gold Fields, as Assistant Professor. A dedicated and passionate teacher with more than 9 years of experience in Academics. With the help of cordial nature, she has built good rapport with students as well as faculty members. She has published 11 publications in Peer reviewed and refereed which are listed in SCOPUS indexed Journals and in UGC. 3 National and International conferences. Has published one Patent. She has handled Subjects such as Microcontroller and Embedded Systems, Computer Organization, Microprocessor, Digital Image Processing, Embedded Systems, Digital Communication etc. In addition to teaching and research, she has served as Event Coordinator, NBA Coordinator, and NAAC Criterion 2 Coordinator, contributing significantly to curriculum development, accreditation activities, and student mentoring.
	Publications Journals - Neha Gopal N, Mustafa M.Abd Zaid, H. Shaheen, “Deep Learning-Driven Token Semantics for Smart Contract Vulnerability”, 25 February 2026 DOI: 10.1109/AISTEMEDU67077.2025.11403947 - Neha Gopal N, Dr. Manimozhi I, Bharath M, “A Data-Driven Approach To Spatial-Temporal Prediction of Floods and Landslide Using Machine Learning”, Vol. 11 No.21s, August 2025 https://doi.org/10.64252/yw9khr37 - Neha Gopal N, Dr. Manimozhi I, Bakkiya Lakshmi B “Nutrition Reinvented: Ai-Powered System For Personalized Dietary Insight”, Vol 11, No.20s, August 2025 https://doi.org/10.64252/pxvvsq46 - Neha Gopal N, “Development of an Android Application for Smart Parking System”, International Journal of Innovative Research in Information Security, Volume 10, Issue 4, July-August 2024 2456-3307 https://doi.org/10.26562/ijiris.2024.v1004.27 - Neha Gopal N, Dr. Manimozhi I(2023), “Implementation of Image Based Classification and Early Screening System for The Classification of Neurodegenerative Diseases”, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 9, Issue 9, July-August 2023 2456-3307 - Neha Gopal N, Dr. I. Manimozhi (2023)” Development of Medical Device Application using QT/QML”, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 9, Issue 9, July-August 2023 2456-3307 - Neha Gopal N, Neha. R, Shravani, Rupali, Sushmitha (2023)”, Missing children identification using face recognition and Web scrapping”, International Journal of Science & Engineering Development Research, Volume 8 Issue 5, May-2023 2455-

	2631 - Neha Gopal N, Dr. Manimozhi I “Analysis, Prediction and Forecasting of Crime Against Women Using Machine Learning Algorithms”, International Journal of Novel Research and Development, Volume 8, Issue 5, May-2023 2456-4184 - Neha Gopal N, Dr. I. Manimozhi, Sugunadevi (2022)”, Mucormycosis Image classification based on the severity by using Convolutional Neural Network(CNN)”, Specialusis Ugdyms, Vol 1,Issue 43, 1392-5369 - Neha Gopal N, Asmiya Naikodi, “Early Detection of Alzheimer’s disease using Image Processing on MRI Scans”, International Journal for Technological Research In Engineering , Volume 3, Issue 9, May 2016 2347 – 4718 - Neha Gopal N, Christy Bobby” Implementation for imaging based classification of Neurodegenerative Diseases ”, International Journal for Technological Research In Engineering , Volume 3, Issue 9, May 2015 2347 – 4718 Patent - Neha Gopal N & Dr. Manimozhi, Ms. Manimegalai “AI-Based Wearable Assistive Device for Alzheimer’s Patients: Integrated Memory Recognition, Fall Detection, Emotional Monitoring and Reminders” in Indian Patent 202541096111 31.10.2025 - Neha Gopal N & Dr. Manimozhi, Mr. Senthil Murugan “AI Powered Nutrition System for Enhanced Dietary Monitoring and health Promotion” in Indian Patent 202541091074 24.10.2025 - Neha Gopal N & Dr. Manimozhi, Mr. Senthil Murugan “A Non-Invasive, AI-Driven Multi sensor framework for real-time fluid balance monitoring and early CKD Risk Prediction” in Indian Patent 202541088690 17.10.2025. - Neha Gopal N & Dr. Manimozhi “Decentralized Cloud Storage Solution Using Blockchain for Data Security” in Indian Patent 202541025320 20.3.2025 - Mrs. Neha Gopal N, Dr. Manimozhi I, has published “An Efficient Test Automations Approach towards Translation of Tulu Written Letters to Kannada Characters” in Indian Patent dated: 28.11.2023 - Mrs. Neha Gopal N, Dr. I.Manimozhi, Dr. T K Sateesh Mr. Senthil Murugan published “An emotion intelligence auto music play for stress burst based on Nomogram model for quarantine and self-isolation people using deep learning in COVID 19 pandemic” in Indian Patent, dated :10 August 2022
	Conferences - Neha Gopal N, “Development of an Android Application for Smart Parking System”, National Conference on Recent Advances of Computational Intelligence Techniques in Science, Engineering, and Technology ISSN: 2349-7017 2024 - Neha Gopal N, Dr. Manimozhi I(2023), “Implementation of Image Based Classification and Early Screening System for The Classification of Neurodegenerative Diseases”, National Conference on Recent Advances of Computational Intelligence Techniques in Science, Engineering and Technology, ISSN: 2456-3307 - Neha Gopal N (2015), “Implementation for Imaging Based Classification of Neurodegenerative Diseases- A Proposal”, International Conference on Biosignals, Images & Instrumentation, March 2015 - Neha Gopal N (2013), “Helix Series Regulator for Air Borne Transmitter”, at National Conference on Emerging Engineering Exposition April 2013 Professional Courses Completed

- Certified in “SNOWPRO ASSOCIATE: PLATFORM” on April 23, 2026 in SNOWFLAKE.
- Certified in “Oracle Fusion AI Agent Studio Certified Foundations Associate- Rel 1” on September 09, 2025 in ORACLE University
- Certified in “AI Foundations Associate ” on September 11, 2025 in ORACLE University
- Certified in “Generative AI Professional ” on August 26, 2025 in ORACLE University
- Certified in “Learning Internet of Things with Thing Worx ” on January 3rd 2025 on INFOSYS spring board
- Certified in “Java Tools” on April 16th 2024 on INFOSYS spring board
- Certified in “Software Engineering and Agile Software development” on November 9th 2024 on INFOSYS spring board
- Certified in “AWS-DGL-SS-IoT Microcontrollers: Onboarding an ESP32 with Amazon FreeRTOS” on June 10th 2024 on INFOSYS spring board
- Certified in “Build a Full Website using WordPress” on July 06th 2024 in COURSEARA
- Certified in “Create a Lead Generation Messenger Chatbot using Chatfuel” on July 07th 2024 in COURSEARA
- Certified in “Angular” on July 08th 2024 on INFOSYS spring board
- Certified in “Object Oriented Programming using Python” on August 19th 2023 on INFOSYS spring board
- Certified in “Getting Started with AI on Jetson Nano” on July 2022 NVIDIA
- Certified in “Fundamentals of Cryptography” on June 13th 2023 on INFOSYS spring board
- Certified in “Basics of Python” on June 12th 2023 on INFOSYS spring board
- Certified in “Building Video AI Applications at the Edge on Jetson Nano” on July 2022 NVIDIA
- Certified in “Fundamentals of Information Security” on June 19th 2023 on INFOSYS spring board

Achievements / Awards / Recognitions

- Participated in Karnataka State Government Faculty Training Program for 15 days.
- Published EPCET’s microsite during the Train the Trainer program on “Creating Microsites on Infosys Springboard” conducted by INFOSYS limited, 2021
- Project entitled “Implementation for Imaging Based Classification of Neurodegenerative Diseases”, was selected for VGST and was funded by Government of Karnataka.
- Selected for prestigious GLOBAL SHAPERS FORUM with V R FEROSE, Managing Director SAP labs, which was held in INFOSYS and successfully completed.
- Conducted Webinar on “The grooming program of Cyber Security as per the industry standards”