FACULTY PROFILE

Faculty	**Mrs. Neha Gopal N** **Assistant Professor** **Department of CSE** **East Point College of Engineering & Technology**

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 7 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 7 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.

Publications

Journals

- 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

- 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, 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 "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

- 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"

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