Basic Details:

- **Name: G PREETHA**
- **Designation**: Assistant Professor
- **Phone Number:** 9962368342
- **Email Id:** preethag1@srmist.edu.in
- **Area of Specialization:** Artificial intelligence
- **Affiliation:** SRM University

Educational Details:

- **Degree –** (Ph. D) Pursuing

- **Area or Subject –** Computer Science

- **University -Dr MGR educational and research institute**

- **Year –** From February 2022

- **Degree** – M.Sc Computer Science

- **Area or Subject** – Computer Science

- **University** – Anna adarsh college for women

- **Awarded Year** – 2021
- **Degree** – B. Sc

- **Area or Subject** – Computer Science

- **University** – Justice Basheer Ahmed Sayeed College for Women

- **Awarded Year** – 2018

Other Details:

Research Interests: Artificial Intelligence and Machine Learning

Selected Publications:

- Enhancing Early Detection of Lung Cancer Through Advanced Medical Imaging and Automation: A Focus on CT scan - 2023 International conference at Saveetha engneering college
- lung cancer detection through TYDWT algorithm - 2023 at Journal of advanced zoology internet of things enabled real-time drainage service hole management system - 2023 international conference at RVS Technical campus Coimbatore
- Improved lung tumor classification in CT images with RESNET,TYDWT AND MASK-R-CNN - 2024 AT AFRICAN JOURNAL OF BIOLOGICAL SCIENCES

Academic Experience: 3.5 Years

Workshops /Seminars/Conferences:

- Presented a paper in the National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24), held on 4th October 2024 organized by Department of Computer Science and Applications, FSH, SRM Institute of Science and Technology, Rampuram, Chennai-600 089, Tamil Nadu, India.

- Published a paper in international journal of creative research entitled "enhancing lung cancer image quality using advanced filtering approaches in January 1st 2025

- Publishing on process of a paper on a one method of "**Lung Cancer Detection through TYDWT Algorithm**" in Journal of Advanced Zoology

- Attended 5 days FACULTY DEVELOPMENT PROGRAM ON "**EMERGING TECHNOLOGIES**" in Dr.M.G.R educational and research institute online session from 7th august to 11th august 2023

- Attended 5 days FACULTY DEVELOPMENT PROGRAM ON "**DEEP DIVE INTO DATA SCIENCE**" in Dr.M.G.R educational and research institute online session from October 8th to October 12th 2023

- Attended International Seminar On "**NEW ECONOMY-TOWARDS DIGITAL AND SUSTAINABLE DEVELPEMENT**" in Dr.M.G.R educational and research institute online session on July 7th 2023.