# CHAITRA K G

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## PROFESSIONAL SUMMARY

- 1.5+ Years of Experience in teaching as an Assistant Professor with a strong academic background in Computer science
- Experience in Question paper sitting in VTU exams.
- Coordinate the Technical and cultural activities with colleagues and students .

## SKILLS

- **Language:** Java, Python, HTML and CSS.
- **Databases:** MySQL
- **Tools**: PyCharm, Anaconda, Eclipse, VS Code.

## KEY ROLES AND RESPONSIBILITIES

**Assistant Professor, GMIT**

- Very Good Experience in analyzing and understanding programming language.
- Involved in discussion with students during Practical sessions.
- Very good experience in Programming knowledge in practicalsession.
- Involved in Cultural activities (College fest).
- Good in identifying error in program and to solve the problems.
- Created, Updated and Reviewed of University Syllabus for Python programming course.
- Participated in reviews and meetings Involved in university syllabus frame.
- Reviewed and guided to a student's regarding projects.
- Handled project individually as well as with Team.
- Involved in the FDP to upskill.
- Able to work under pressure meeting deadlines, Committed, quick learner and flexible.

## PROJECTS

1. **Project:** Preprocessing of Arecanut Brunch Images

**Technologies:** python, Open CV and Image processing libraries

**Description:** The project focused on the preprocessing of Arecanut bunch images to enhance their quality and suitability for further analysis and classification. Arecanut is a major cash crop, and automating the process of quality assessment and grading of bunches is crucial for the agriculture industry. Our goal was to develop an image processing solution that would help automate this process.

**Publication**: International Journal of All Research Educational Scientific Methods. ISSN:2455-6211, Oct2021,vol9,Issue10.

**2. Project:** Color Based Segmentation Using Image Processing

**Technologies:** Python, OpenCV, and various image processing

libraries

**Description:** The project aimed to develop an image processing solution for color-based segmentation. Our goal was to automatically identify and separate objects or regions of interest in digital images based on their color properties. This technology has broad applications, including object recognition and quality control in manufacturing.

**Publication:** International Journal of Scientific Research in Engineering & Management (IJSREM), Vol 04, Issue 08, Aug 2020 ISSN:2582-3930.

## EDUCATIONAL QUALIFICATIONS

- **Master of Technology (MTech)** in **Computer science** under **VTU** with 8.4 CGPA. in the year 2021
- **Bachelor of Engineering** in **Information Science** under VTU **with** 64% in the year 2014.
- **PUC Under KEA with** 69% in the year 2010.
- **SSLC** Under **KEA with** 79% in the year 2008.

### ACHIEVEMENTS
- Participate in student engineering model competition as part of India International Science Festival 2020(IIFS).
- I participated in the workshops held in Jain Perfect Plan B ELearning private Limited.
- Internship on Machine Learning at Abhiyantrix Soft Lab.

### DECLARATION

I hereby declare that every information is true, and I am Soley responsible for its authenticity.

**CHAITRA K G**