

Anuja Pinge Tengse

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PERSONAL DETAILS

Name: Mrs. Anuja Pinge Tengse
Address: Sapna Residency, Bethoda Ponda Goa.
Date Of Birth: 11th May 1992
Branch: Computer Science
Age: 28 yrs
Marital Status: Married

EDUCATION

2018 - 2020 Master Of Computer Engineering

Goa College of Engineering ,Farmagudi Goa

2013- 2015 Master of Technology in Computer Science (CGPA – 7.2)

Department of Computer Science and Technology, Goa University.

2009-2013 Bachelor in Computer Engineering (61.3%)

Goa College of Engineering, Farmagudi Goa.

2007-2009 HSSC (72.3%)

S. S. Samiti's Higher Secondary School , Goa Board.

2007 SSC (81.26%)

S. S. Samiti's High School, Goa Board.

PUBLICATIONS

- Pinge, A., & Naik Gaonkar, M. (2020b). *A novel video retrieval method based on Object detection using Deep learning*. 489–501.
https://drive.google.com/file/d/1qtsPPuDxXbuXoq9PufDXJdlpQ95WaChM/view?usp=drive_web
- Pinge, A., & Naik Gaonkar, M. (2020a). Understanding Action Recognition in Depth: A Survey. *International Journal of Information and Computing Science*, 7(8), 7–17.
<https://drive.google.com/file/d/1fZ0cZRivVk277JHfuWVJptlvvW3K5sMj/view?usp=sharing>

WORK HISTORY

- Worked as Assistant Professor in Information Technology in Shree Damodar college of Commerce and Economics, Margoa, Goa for the academic year June 2016-17.
- Worked as Assistant Professor in Computer Science in Govt. College of Commerce, Arts and Science, Khandola, Goa for academic year 2015-2016.
- Worked as Assistant Professor in Computer Science on lecture basis in Department of Computer Science and Technology, Goa University from June 2015 – November 2015.
- Worked as Assistant Professor in Information Technology in Govt. College of Commerce, Borda Goa from November 2015- Jan 2016.

TECHNICAL SKILLS

- **Languages:** C, C++, Basic Java, Android, Matlab, Open GL, Visual Basic, Ruby on Rails, Python, Matlab, HTML, XML
- **RDBMS :** Knowledge of MySQL, MS SQL.
- **Operating systems:** Windows, Linux

ACHIEVEMENTS:

- Member of the Computer Society of India, GEC Chapter.
- Member of Association of Computing Machinery, Goa University Student Chapter.
- Member of Computer Students' Organization (CURSOR), GEC for the year 2011-12.
- Organized National level Techfest "TECHNIX 6.0" at GEC, in March, 2012.
- Participated in "Annual state level student convention" organized by CSI at Margao in August 2011.

MINI PROJECTS PERSUED:

- | | |
|---|---|
| <ul style="list-style-type: none">• Object Class Categorization using Bag of word model.
✓ Technologies used: Matlab | <ul style="list-style-type: none">• Car Quotation Generation
✓ Technologies used: C, C++. |
| <ul style="list-style-type: none">• Smart Album
✓ Technologies used: Matlab | <ul style="list-style-type: none">• Music Player
✓ Technologies used: Ruby on Rails , My SQL |

ACADEMIC PROJECTS:

M.E. Dissertation Title :- Academic year June 2019 - 2020

- **Deep Learning in Computer Vision**

The aim of the project was given a query video; develop an algorithm for fast and efficient retrieval of the video from the video database. This was implemented with deep learning approach by using Google Colab.

M.Tech Thesis title: Academic year July2014 - May2015

- **Isosurface Extraction using Implicit Surfaces and comparing it with Marching Cubes.**

Isosurface extraction is the most important in for visualization of any dataset. The main aim of my project is to implement one of such algorithm using Implicit Surfaces and compare it with the well-known algorithm 'Marching Cube'.

B.E. Final Year Project - Academic year July2012 - May2013

- **Android application for visually impaired Cellphone users:**

Our project was designed to operate on Android smartphone for visually impaired users in an efficient way. It allowed offline voice recognition using Speech processing library Pocketsphinx which was used for Hands free calling. For messaging, voice to text Google recognition was used. And also a lock screen using four corner of the screen to set passcode was designed.

Hobbies, Interest and Participation :

- ✓ Photography, Drawing, painting, Playing Badminton, Swimming.
- ✓ Participated in various cultural events held at Goa College of Engineering Farmagudi Goa.