SRI SHRIDEVI CHARITABLE TRUST (R.)

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

NAME : PROF. SHANMUKASWAMY C V
Designation: ASSOCIATE PROFESSOR
Department: COMPUTER SCIENCE AND ENGINEERING

Date of Joining	22-08-2003		
Professional Experience	Teaching	Industry	Research
	26years		04

Contact Details

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Academic Background

- **Ph. D.** in Progress - A Novel Algorithm for Image Segmentation using Machine Learning Techniques and Fuzzy Logic [Registration year :2017], SAHE [Siddhartha Academy of Higher Education.
- **MTech/ME :**First Class , 1999, Bangalore University, University Visvesvaraya College of Engineering, Bengaluru
- **BE:** First Class , 1996, Bangalore University, Siddaganga Institute of Technology, Tumakuru-03

Areas of Interest

- Genetic Algorithms
- Digital Image Processing
- Computer Vision

Significant Publications

- **No. of Papers Published in Journals** : 01 IJCT_Vol14_iss_2_paper_8_2945_2951 , Dynamic Bandwidth Allocation scheme for enhanced performance

in 5G.

- **No. of Papers Presented in Conferences** : 01, IEEE , DOI: 10.1109/RTEICT39974.2017 Reducing the risk of customer migration by using bigdata clustering algorithm.
- **Book Chapters** **: NIL**
- **List of FDP's/Workshops** **06**
- **Books** **: NIL**
- **Patents Published** **: 01 -SMART PENDRIVE Design No.398940-001 dated 01/11/2023**
- **KSCST Student Projects Funded / Funded project and consultancy** **: 03 [1**. Image Processing approach for grading IVF blastocyst using Machine Learning for **Rs.4000** during 2023-24.
  2. Aautomated smart system for detecting cyber bot attack in 5g network for **Rs.3000/-**during 2022- 2023.
  3. .Counting of Blood Components(RBCs,WBCs,Platelets) in Microscopic Images using Image Processing for **Rs5000/-** during 2017-18**.**
- **Awards/Recognition** **: Active SPoC-NPTEL**
- **Project Guided details** **:** Image Processing approach for grading IVF blastocyst using Machine Learning.

- **Editorial Board Member** **:** NIL
- **Nominated as** **:** 1. SPoC- NPTEL, Local Chapter-5730
  2. SPoC Infosys- Springboard, Infosys Ltd. Bangalore
- **Reviewer** **:** NIL
- **Invited Speaker for** : NI**L**
- **Resource person for** **:** Problem Solving through Programming skills
- **In-house resource person for** **:** Programming Skills
- **Professional Membership** **:** MISTE[Life Membership], CSI