# CURRICULUM VITAE

**NAME** Mrs.FARHA ANJUM

**Email** [hashmishazu@gmail.com](mailto:hashmishazu@gmail.com)

farhaa@sjec.ac.in



**Contact** 9964636562, 7338146819

**DETAILS OF EDUCATIONAL QUALIFICATION:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **NAME OF DEGREE** | **SPECIALIZATION** | **NAME OF EDUCATION CENTRE** | **YEAR OF PASSING** |
| 1. | BACHELOR | Computer Science and Engineering | G M Institute of Technology | 2008 |
| 2. | MASTER | Computer Science and Engineering | University B.D.T College of Engineering | 2013 |
| 3. | (Ph.D.) | Computer Science and Engineering | Srinivas University Institute of Engineering and Technology | Ongoing |

**DETAILS OF TEACHING EXPERIENCE:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **NAME OF THE INSTITUTE** | **SUBJECTS HANDLED** | **POSITION HELD** | **TEACHING PERIOD (FROM-TO)** |
| 1. | St Joseph Engineering College, Vamanjoor, Mangalore | 1. Management and Entrepreneurship for IT Industry 2. Computer Organization and Architecture 3. Java for Mobile Application 4. Mobile Application Development Lab 5. Database Management Systems 6. Operating systems 7. OOPs with Java Lab 8. Operations Research | Assistant Professor | Oct 2022  Till Date |
| 2 | Srinivas University College of Engineering and Technology  Mukka, Mangalore | 1. Operating systems 2. Internet of Things 3. Microprocessors and Embedded systems 4. C programming 5. Advances in OS 6. Introduction to IOT 7. System software and Compiler Design 8. Design and Analysis of Algorithm | Assistant  Professor | Sep 2021 --  Sep 2022 |
| 3 | Government Engineering College, HuvinaHadagali  Bellary District | 1. Analog and Digital Electronics 2. Microprocessor and Microcontroller 3. Management and Entrepreneurship 4. Embedded Computing Systems | Guest Lecturer | August 2016 –  May 2019 |
| 4 | S.T.J Institute of Technology, Ranebennur | 1. UNIX Programming 2. Operating Systems  3. Data Structure in C 4. Graph theory | Lecturer | February 2009 –  September 2011 |

# CAREER OBJECTIVE

Ambitious Qualified Engineer with Good working Skills. and ideal for position requiring responsibility and challenges. Seeking a position to utilize my skills and abilities in the Information Technology Industry that offers professional growth while being resourceful, innovative and flexible.

# PROJECTS GUIDED

* Connection – less communication of IOT devices over LTE mobile networks.
* Automated Health Care Management System using Big Data Technology.
* Smart Home Automation System using Android Application.
* Security Attacks and challenges of wireless sensor network.

# TECHNICAL SKILLS

* Programming Languages: C, C++, and Java.
* Web Development: HTML, CSS and JavaScript, Android Studio
* Operating Systems: Windows, LINUX, Ubuntu
* Subjects known**:** UNIX, Data Structures, Computer Networks, ADA, Microprocessors and microcontrollers, Analog and Digital Electronics, Embedded Computing Systems, Graph Theory, Computer Organization, Operating systems, Management and Entrepreneurship, Internet of Things, Advanced OS.
* Labs: UNIX, Microprocessor, Analog and Digital lab. IOT lab, Programming Web lab.

System Software and Compiler design lab, COA lab, Mobile Application

Development Lab

* Worked as a **Seminar Coordinator** for the final year **B.E** Students in the year 2018.

Worked as Technical Seminar Coordinator for B.E students in 2022.

Worked as **Placement Coordinator** under AIML Department

# STRENGTHS & INTERESTS

* Good communication skills
* Ability in fast conceptualization
* Good inter personnel skills
* Traveling, cooking, listening to music
* Interested in doing research in the field of computer networking concept.

**ACADEMIC PROJECTS**

# Academic projects handled for B.E: 6

# Mini Projects handled: 4

# Workshops attended: 2

# 

# Infosys Springboard Microsite creation

# Introduction to Internet of Things

# Webinar on Intellectual Property Rights

# FDP attended: 2

# Current trends in Education Scheme based on NEP 2022

# Employability skills Training for Computer science Engineers

# Machine Learning and Data Science with Python

# Publications: 3

# Company Analysis: Tata Consultancy Services, IARJSET, Vol. 9, Issue 11, November 2022 DOI: 10.17148/IARJSET.2022.91108

# Diversification Strategies of Tata group of companies: A Case Study, International Journal of Scientific Research in Engineering and Management (IJSREM)

# Volume: 06 Issue: 10 | October – 2022, ISSN: 2582-3930

# Study on the role of artificial intelligence and block chain in segments of

# the financial sector, Scope, Volume 13 Number 01 March 2023

# Online Courses:

# Blockchain Developer Training

# AWS Cloud Essentials

# Building python Applications on AWS

# Introduction to Artificial Intelligence

# 

# Project Undertaken in B.E Project # 1:

**Title:** “Text Editor”

**Description:** In this mini project work a note pad window was created. Here we created the window and menu options. A simple editor was created for editing text files. This editor performs similar options as in windows text editor, menu provides all options for functioning. Operating System used for developing this editor is Linux.

# Project # 2:

**Title:** “Laser Shooter”

**Description:** Using the basic graphics applications this mini project is done for creating a game. It is a game of laser shooting, time limit is provided for shooting the ball with laser lighting, when time expires the game ends. This project was implemented in windows operating system.

# Project # 3:

**Title:** “Intruder Alarm System”

**Description:** This project is based on security of the system. We can control our PC from anywhere remotely through mobile. Whenever a unknown person tries to access/use our PC this application immediately sends message to PC owners mobile by looking into the message the owner of Pc can either allow or deny the intruder to use the PC. Various options for security are provided in this application once message is received by owner of PC he can look into image of intruder and allow him to use PC, provided he can even record system activities in the PC for later reference/checkout. If Owner doesn’t want intruder to use PC he can directly switch off system through mobile, denying access of system to user. There should be internet connection required for this application on both sides. Windows OS is used for implementing this project.

# Project Undertaken in M.Tech:

**Project # 4:**

**Title:** Detection of Forgery in Digital Images using DWT

**Description:** In this Project the aim is to find forgery done in images using various editing tools. With the advent of low-cost and high-resolution digital cameras, and sophisticated photo editing software, digital images can be easily manipulated and altered. It is possible to change the information represented by an image and create forgeries, which are indistinguishable by naked eye from authentic photographs.

This calls for a reliable forgery detection system for digital images. Copy-paste is the common forgery in which a portion of an image is copied and pasted to conceal an important object or produce a non-existing situation in the scene. The duplicated region is retouched by performing operations like edge blurring to get the appearance of the authentic image.

Different methods for identifying each type of forgery must be developed.

This project focuses on developing passive technique for detecting forgeries in digital images. First, the possible forgeries will be identified and we then design method to detect those attacks. Efficient algorithms will be designed for the method to improve the speed of computation. It is designed using Matlab software and is Windows XP/Vista capable.

**PERSONAL PROFILE**

**Father’s Name :** Late S.H Hussain Khan

**Spouse Name :** K A Samiulla Hashmi

**Date of Birth :** 17 / 06 / 1986

**Marital Status :** Married

**Gender :** Female

**Nationality :** Indian

**Languages Known :** English, Kannada, Hindi, Urdu.

**Permanent Address :** 1st Main, 12th Cross,

H.S. Extension, Harihar – 577601 Davangere District, Karnataka.

**Phone Number :** 9964636562, 9611172502

# Declaration:

I consider myself familiar with the Computer Science and Engineering aspects. I am also confident of my ability to work in a team.

I hereby declare that the information furnished above is true to the best of my knowledge.

**Place: Harihar**

**Date:**

***Farha Anjum***