

Roopa R
Assistant Professor
Dept. of MCA
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Department of MCA
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Career Objective:

To pursue a career in an organization offering a conducive work environment and providing an opportunity for professional growth where my expertise can be utilized for organization's growth and success.

Academic Profile:

Sri Siddhartha Academy of Higher Education University, Tumkur January 2024

Registered for part time PhD. in SSAHE University, Tumkur in Master of Computer Application Research Title: Machine Learning Techniques for Hair Growth technique planation using GFC technique.

- Master of Computer Application from S.I.T, Tumkur, V.T.U
- Bsc(Computer Science) from SSCW, Tumkur, Bangalore University

Teaching Experience:

- Working as Assistant Professor in BIET from Oct 2022 to till Date.
- Worked as Lecturer in **GMHS** from June 2018 to May 2020

Corporate Experience:

- Worked as Senior Software Engineer at **MetricStream** Pvt Ltd from June 2012 to July 2016
- Worked as Software Automation Engineer at **Mahindra Satyam** from Aug 2011 to July 2012
- Worked as Testing Engineer in **NOUS INFOSYSTEMS** from Mar 2008 to Feb 2009

Subject Handled:

C ,C++, Data Structure, Java, DBMS,VB.Net, Statistics, Operating System, Foundation of Computer, Discrete Mathematics, Software Engineering.

List of Publication:

Bhagya S G1, ROOPA R2, "CNN BASED CHEST X-RAY CLASSIFICATION", International Journal of Scientific Research in Engineering and Management [1] SREM.

Additional Roles @ BIET

- **National Conference Co-Ordinator.**
- **NAAC C-6 Co-Ordinator.**

- **DQAC Co-Ordinator**
- **Time Table Co-Ordinator**
- **Placement Co-Ordinator**
 - **CIE Co-Ordinator**

Career Achievements:

- Best Team performance award at MSI
- Platform Hackathon Award at MSI
- Cent Percent Awards in Discrete Mathematics and DBMS.

Seminar/ Workshops Attended

- Attended one week AICTE-VTU Joint Teachers Training Programme on “Robotics & Artificial Intelligence” from 24th April 2023 to 28th April 2023 organized by Visvesvaraya Technological University, Centre for PG studies, VIAT, Muddenahalli, Chikkaballapu.
- Attended one week AICTE-VTU Joint Teachers Training Programme on “Introduction to Internet of Things (IoT)” from 17th April to 21st April 2023 organized by Visvesvaraya Technological University, Centre for PG studies, VIAT, Muddenahalli, Chikkaballapu.
- Attended one week AICTE-VTU Joint Teachers Training Programme on “Introduction to Web Programming” from 27th March 2023 to 31st March 2023 organized by Visvesvaraya Technological University, Centre for PG studies, VIAT, Muddenahalli, Chikkaballapu.
- Attended three days Faculty Development Programme on “Introduction to Python Programming” from 12th Dec 2022 to 14th Dec 2022 organized by the Dept. of IS&E, Bapuji Institute of Engineering and Technology, Davangere in association with ISTE & IEI.

Test Automation:

- Experience in Test automation for Web Application using **Selenium WebDriver** (with Core Java).
- Execution and Debugging of the automated test scripts using **Eclipse** editors.
- Experience in using the **XPath locators** and **CSS Selectors** for identifying the UI Elements/objects.
- Proficient in handling List Box, Frames, Browser Window, Actions class and JavaScript Implementation.
- Fair experience in working with testing framework developed in **Core Java & Selenium WebDriver** using Page Object Model design pattern.
- Good knowledge of **Page Object Model (POM)** design pattern using Selenium WebDriver.

- Smart idea on TestNG Concepts, implementation & execution knowledge on Standalone system and also in GRID System.
- Working knowledge of Version Control tools – **SVN/BitBucket**, Continuous Integration tool – **Jenkins**, Cloud Based platform tools like **Sauce Labs, Browser Stack** – performed **parallel** execution for Web application.
- Good understanding of **OOPs** concepts, Java Data types, Arrays, Exception handling and collections.

Manual Testing:

- Expertise in **Agile Testing Methodology**
- Expertise in **Functional Testing** and **System Testing**
- Implemented Test Management tool **Testlink**
- Exposed to all phases of testing i.e. Reviewing and analyzing the requirements, Test execution, Automation, Defect tracking and Reporting
- Experience in **Smoke Testing** and **Ad-hoc** testing
- Written Test Cases using **Test Case Design Techniques** and also actively involved in preparation of **Test Plan**
- Extensive experience in preparing **Traceability Matrix**
- Prepared **Defect Report** and effectively communicated defects using defect-tracking tool
- Expertise in writing **SQL** queries
- Conducted **Compatibility Testing** in different platforms like Mozilla Firefox and Internet Explorer
- Experience in using **SubVersion(SVN)** as Version Control Tool

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