

## PROFILE

### G.ROSELIN

33/15 Thirumanchana veedhi end,  
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Mayiladuthurai 609002.

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### OBJECTIVES

Highly motivated and experienced lecturer with a passion for computer science education and research. Proven ability to develop and deliver engaging lectures, cultivate a positive learning environment, and guide students towards academic success. Extensive knowledge of various programming languages, machine learning techniques, and deep learning algorithms.

### EXPERIENCE

Worked as PG Assistant at Raj Matric Hr.sec.School , Mayiladuthurai from 5<sup>th</sup> June 2015 to 30 May 2022.

Worked as PG Assistant at GOOD Samaritan Matric Hr.sec.School , Mayiladuthurai from 01 June 2022 to 30 March 2023.

Working as Assistant Professor at AVC College of Arts and Science(autonomous), Mannampandal from 1<sup>st</sup> October 2021 to till date.

### EDUCATIONAL QUALIFICATION

**UGC NET** – Computer Science - June 2021.

**TNSET** –Computer science September 2025.

**M.Phil.,**

PRIST UNIVERSITY ,Thanjore

Year of Passing **2015**

**PG**

A.V.C College (Autonomous), Mannampandal, Mayiladuthurai.

Year of Passing **2013**

Percentage of Marks: **81.80%**

**UG**

D.G.G.A.COLLEGE(w)A.V.C College (Autonomous),Mayiladuthurai.

Year of Passing: **2011**

Percentage of Marks: **75.70%**

**HSC**

N.KM.H.S School, Mayiladuthurai.

Year of Passing: **2008**

Percentage of Marks: **70%**

**SSLC**

N.KM.H.S School, Mayiladuthurai.

Year of Passing: **2006**

Percentage of Marks: **82%**

**TECHNICAL SKILLS**

- ✓ Operating Systems : Windows, Linux
- ✓ Languages : C, C++, Python
- ✓ Packages : MS-Office,
- ✓ Database : Oracle, MongoDB
- ✓ Web Designing : HTML 5, CSS 3, JavaScript

**AREA OF INTEREST**

- ✓ Machine Learning
- ✓ Deep Learning
- ✓ Object Detection
- ✓ Natural Language Processing

**SUBJECTS HANDLED**

- ✓ Python Programming
- ✓ Data Mining
- ✓ Data Structures
- ✓ Computer Networks
- ✓ C++ Programming
- ✓ System Software and Operating System
- ✓ Internet and Web Designing

- ✓ PHP and Scripting Languages
- ✓ Database Management System
- ✓ Computer Graphics and Multimedia

#### **PAPER PUBLICATION**

1. **“prediction of student academic performance using machine learning algorithms – a systematic review ”** Presented a paper in National conference NDSA Organized by department of computer science and application association with IQAC 23.09.24 & 24.09.24
2. **“predicting students success –a machine learning approach ”** Presented a paper in International conference on synergizing education 5.0 and AI Technologies –A Transformative path ahead ‘ INCSEAIT 2024 held on 25.10.24 & 26.10.24
3. **“Predicting student academic performance based on deep learning and cognitive science ”** Presented in International Conference on Global innovations in computer science A multidisciplinary approach on 19.12.24 and 20.12.24
4. **“Recent Trends in information technology ISRTIT 25”** participated the international seminar on 24.01.25
5. **“Microsoft Azure AI ENGINEER “** Completed the one week Faculty development program hosted by A.V.C. College of engineering during 06 January 2025 to 10 January 2025

#### **ROLES AND RESPONSIBILITIES**

- ✓ Class Mentor
- ✓ Department Question paper Coordinator

#### **PERSONAL DETAILS**

Date of Birth	:	JUNE-28-1991
Sex	:	Female
Marital Status	:	married
Mother Tongue	:	Tamil
Language Known	:	Tamil, English
Nationality	:	Indian