

**MARIAN COLLEGE OF ARTS & SCIENCE**  
**Faculty Profile**

## **FACULTY PROFILE**

<b>Name</b>	LIVIN M MIRANDA
<b>Designation</b>	Asst.Professor
<b>Department</b>	Department of Computer Science
<b>Email</b>	livinmmiranda@gmail.com
<b>Qualification</b>	NET,MCA, B.Sc Computer Science
<b>Area of Specialization</b>	Data Science, Machine Learning

### **Professional Summary**

Experienced academician and NET-qualified faculty member in Computer Science with over a decade of teaching and academic experience across undergraduate and postgraduate programmes. Teaching career spans multiple higher education institutions.

### **Educational Qualifications**

<b>Degree</b>	<b>Specialization</b>	<b>University</b>	<b>Year</b>
NET	Computer Application	UGC	2018
MCA	NIL	University of Kerala	2009
B.Sc	Computer Science	University of Kerala	2006

### **Research Interests**

- Virtual interactive e-learning platforms
- Machine Learning
- Data Science

### **Academic Contributions & Professional Engagement**

- FYUGP Academic Co-ordinator, Marian College of Arts and Science
- HoD, Department of Computer Science, Marian College of Arts and Science
- Exam Chief Superintendent, Marian College of Arts and Science
- IGNOU-Academic Counselor
- FDP on NAAC Binary Accreditation: “Empowering Quality in Higher Education” by Marian College of Arts and Science
- Add-On Course Co-ordinator, Marian College of Arts & Science.
- **Member, Department Advisory Committee (DAC)** – MCA Department, Ilahia College of Engineering and Technology, Ernakulam.
- Senior Faculty-IT in i-Nurture Education Pvt Ltd at Srinivas University, Mangalore (2020 to 2022)
- Worked as a Research Assistant (2010 to 2012) at E-Learning Research Lab, Amrita Vishwa Vidyapeetham, contributing to the development of the A-VIEW virtual

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interactive e-learning platform, supporting online teaching and collaborative learning environments.

**Additional Skills**

- **Data Science & Machine Learning:** Data preprocessing, exploratory data analysis, supervised and unsupervised learning techniques, model evaluation, basic predictive analytics using Python
- **Machine Learning Tools & Libraries:** NumPy, Pandas, Matplotlib, Scikit-learn (implementation and academic applications)
- **Cybersecurity & Digital Forensics:** Ethical Hacking fundamentals, Information Security principles, Digital Forensics practices.
- **Programming Languages:** C, C++, Java, Python, PHP
- **Web Technologies:** HTML, CSS, JavaScript, Web Design and Development.
- **Teaching & Academic Skills:** Outcome-Based Education (OBE), curriculum delivery, student mentoring, project supervision, laboratory management.
- **Content Development:** Academic content preparation, question bank design, course notes, and digital learning resources.
- **Communication & Training:** Technical training, workshop coordination, academic presentations, and learner engagement
- **Accreditation & Academic Administration:** Experience in preparation and documentation of **finance-related files for NBA accreditation**, academic data compilation, and institutional quality assurance processes.