



## **SOPHIYA PHILIP**

**Asst. PROFESSOR**

**Department of Computer Science**

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### **EDUCATIONAL QUALIFICATION**

- **B.Tech Computer Science**
- **M.Tech Computer Science**
- **Qualified National Eligibility Test**

### **WORK EXPERIENCE**

- **Assistant Professor in the Computer Science Department at Peekay CICS Arts and Science College.**
- **Former School Teacher in Computer Science, developing foundational technical knowledge and skills among students.**
- **Manager and Coordinator at Grace Institution for Competition, overseeing curriculum development, administrative tasks, and student mentoring.**

### **AREA OF INTERESTS**

#### **Teaching**

- **Operating Systems**
- **Database Management Systems (DBMS)**
- **Image Processing**
- **Artificial Intelligence (AI)-related technologies**

#### **Research**

- **Database Optimization Techniques**
- **AI in Education Technology (EdTech)**
- **Automation in Operating Systems**
- **Machine Learning and its applications in Image Processing**

#### **WORKSHOPS/ TRAINING ATTENDED**

- **Paper Presentation at Kerala Technological Congress (KETCON):** Presented a paper based on a survey titled "Underwater Image Enhancement Methods" (Vol. 4, No. 79).
- **Publication in IJERT (International Journal of Engineering Research & Technology):** Published a paper titled "Underwater Image Enhancement Using White Balance and Fusion".  
**Paper ID: IJERTV8IS060745**

#### **ADDITIONAL DUTIES**

- **Website Administration**
- **Member of IEDC Committee**
- **Member of the IQAC**