

**Mrs. Indhumathi C**

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**Scopus-id: 58192959400**



## **OBJECTIVE:**

A committed and enthusiastic individual with good academic, communication, organizational, and interpersonal abilities. A dynamic educator within the classroom, a vibrant facilitator as a class coordinator, and a proactive organizer of events.

## **EXPERIENCE:**

### **1. RMK Engineering College, Kavaraipettai as Assistant professor from August 2021 to till date**

- Handled subjects such as Computer Organization and Architecture, Design and Analysis of Algorithm, Database Management System, Data Structures,
- Serving as a Student Counsellor and Class In-charge.
- Serving in various department level coordinators such as Timetable Coordinator, NPTEL Coordinator, Library Coordinator.
- Completed **6 NITTTR MODULES**
- Completed Various **Infosys Springboard, Edx Courses.**
- Attended Various **FDP** and received certificates.
- Completed Inculcating Universal Human Values (**UHV**) in Technical Education organized by AICTE
- Done consultancy works and received cash rewards.

### **2. TJS Polytechnic College, Peruvoyal, as Senior lecturer from August 2010 to July 2021.**

- Handled C, C++, Java, Networks, Software Engineering, RDBMS and Produced more than 90%. Handled Multimedia and produced 100%.
- Guided various Final year Projects. Worked as a **Project Coordinator.**
- Organizer for spoken tutorial project (IIT Bombay) conducted workshops and online test.

- Coordinated as a **Class In-charge**. Overall college **Girls Student Counsellor**.
- Served as an **E-Coordinator** and performed all **DOTE** works.
- Worked as an **Exam Cell Member**.

### 3. **IMatrix Technologies**, Arumbakkam, as **Software Programmer** from June 2009 to July 2010.

- Worked in **Java** platform project as a team member.
- Worked in a **Web Designing** Project.

### **EDUCATION:**

1. Pursuing **Ph.D (Course Completed)** from Anna University in the Machine learning Stream.
2. Completed **M.E (System Engineering and OR)** from College of Engineering Guindy with **First Class (Distinction)** in 2014.
3. Completed **B.E (CSE)** from KLN college of Information Technology, Madurai with **First Class** in 2009.
4. **HSC** from P.K.N Matriculation Higher Secondary school, Thirumangalam with **First Class** in 2005.
5. **SSLC** from P.K.N Matriculation Higher Secondary school, Thirumangalam with **First Class** in 2003.

### **INTERNATIONAL CERTIFICATION:**

- **Oracle** Certified Database **SQL Expert [87%]**.

### **NPTEL CERTIFICATION:**

- The Joy of Computing Using Python (**Top Performing Mentor**)
- Database Management Systems
- Design Thinking – A Primer (Mentor)
- Programming in Java (Mentor)
- Enhancing Soft skills and Personality Development (**Top Performing Mentor**)

### **PROFESSIONAL BODY MEMBERSHIP:**

Life Time Membership in Indian Society for Technical Education (**ISTE**),  
International Association for Engineers (**IAE**).

## **PAPERS PUBLISHED:**

“An Investigation of Smart Detection for Small Lung Tumor with Tumor Pattern Recognition Algorithm”, International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF), Year 2023.

“AI-Powered Visual Aid System for the Blind”, International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, Year 2023.

“Doctor Appointment Booking System Using Content Based Filtering Recommendation”, International Journal of Mechanical Engineering, Year 2022.

“Cryptocurrency Exchange Rate Prediction using ARIMA Model on Real Time Data”, International conference on intelligent computing and control systems, Year 2022.

“Prominent Rule Control-based Internet of Things: Poultry Farm Management System”, 3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings, Year 2022.

## **PERSONAL DETAILS:**

- Date of Birth : 18 / Jun / 1988
- Nationality : Indian
- Marital status : Married
- Permanent Address : 40/17, Rajeswari street, Choolaimedu, Chennai –94
- Communication Address : E Block -153, Sbioa Unity Enclave, Mambakkam, Chennai-127

## **DECLARATION:**

I consider myself is confident to work in a team and can lead a team. I hereby declare that the information furnished above is true to the best of my knowledge.

Yours Sincerely,

Indhumathi. C