

Dr. M. Sornalakshmi

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To

The Registrar
Vellore Institute of Technology (VIT) – Andhra Pradesh
Inavolu, Beside AP Secretariat
Amaravati – 522237
Andhra Pradesh, India

Subject: Application for the **Post of Associate Professor in Computer Science & Engineering**

Dear Sir/Madam,

I am writing to express my interest in the position of **Associate Professor in the Department of Computer Science & Engineering** at **VIT University, Andhra Pradesh**. With over **18 years of academic experience** and a **Ph.D. in Computer Science**, I am deeply committed to contributing to quality teaching, innovative research, and institutional excellence—values that VIT strongly upholds.

Currently serving as an **Assistant Professor** at **Arulmigu Kalasalingam College of Arts and Sciences**, I have mentored students across undergraduate and postgraduate levels in a wide range of subjects including **Data Mining, Artificial Intelligence, Machine Learning, Cloud Computing, and Web Technologies**. My teaching methodology combines foundational concepts with hands-on exposure to tools such as **Python, MATLAB, SQL, and Java**, aiming to bridge academic learning with industry relevance.

My research interests are focused on **big data analytics, AI-driven systems, pattern mining, and healthcare informatics**, which are reflected in my publications in IEEE, Scopus, and other reputed journals. I have authored books and received patents for innovations in **blockchain-based EHR devices** and **cybersecurity alert systems**, demonstrating my commitment to translational research. I am also currently engaged in Naan Mudhalvan's skill enhancement initiatives, contributing to upskilling rural students in emerging technologies.

Thank you for considering my application. I look forward to the possibility of becoming a part of your prestigious institution.

Warm regards,



Dr. M. Sornalakshmi

