



School of Engineering

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LETTER OF RECOMMENDATION

I, Bharathi D, currently serve as Assistant Professor at the Department of Computer Science and Engineering, School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore Campus. Throughout Mr.Vemula Dowtya Sri Prasanth's four years of Computer Engineering at Amrita School of Engineering, I had the immense pleasure of teaching and mentoring him. He mastered subjects such as "Structured Programming Approach," "Object-Oriented Programming Methodology," "Open lab Python," "Machine Learning and Data Mining," and finished his final year engineering project, "Land use and Land cover classification" based on Deep Learning Concepts, under my guidance.

Prasanth is a dedicated student who is passionate about his studies. He is a dedicated, methodical, and quick student who has always demonstrated his capacity to communicate complex ideas. He expresses his decisions and findings straightforwardly and expressively. I'd say he's attentive, studious, and always has a positive attitude about learning, based on my observations. He was involved in extracurricular activities and was constantly supportive of his peers. Along with his impressive academic record, he has demonstrated a strong interest in developing solutions for the betterment of society.

His approach to his senior project, "Satellite Image Classification for Land Use and Land Cover Analysis," was excellent as well. It's a multi-class classification of each pixel of an image based on its fixed values' attributes using deep learning models with pre-trained Convolutional Neural Networks like VGG16, VGG19, ResNet50, ResNet50v2.

I strongly encourage you to accept him as a graduate student at your esteemed institution. I strongly recommend that he be admitted to your graduate program with full financial assistance because of his strong desire to pursue higher education and his choice for research-oriented studies.

Bharathi D.

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