



VELS



INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
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PALLAVARAM - CHENNAI

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LETTER OF RECOMMENDATION

It gives me immense pleasure to introduce Mr. Kaushik Kumar, a student of the Bachelor of Technology in Computer Science and Engineering program at VELS Institute of Science and Technology. As an Associate Professor, I have been acquainted with Kaushik since the third year, when I taught him the courses called Genetic Algorithms and Machine Learning in his 6th and 7th semesters and also guiding him with projects.

On the very first day of the commencement of classes, Kaushik came up to me with a research idea. While not many of the undergraduate students write research papers, his initiative was impressive. Being highly interested in the collection, analysis, and organization of data and how artificial intelligence can be implemented in everyday life for the betterment of people, he proposed a crop surveillance system using deep learning and ANN to identify and classify crops based on their health condition and later suggest curative procedures. Guiding him throughout the project, I observed that he provided unique ideas for improving the project, which were later implemented impeccably. He then took it upon as a challenge along with his teammate and successfully completed the project. His hard work paid off in the month of November of 2022 when our college proposed to sponsor for the implementation of the idea in the agricultural fields, which is in progress.

He is a very affable, composed, and curious individual who tries to build his network by working on projects with different groups of students. The gesture-to-speech conversion system that he had developed using image processing, for the differently abled really stood out to me since he used the theoretical concepts that I taught to him in class to build a very efficient model that converts gestures shown in front of the camera to text and then to audio. His most remarkable work was the language invariant hate speech and gender bias detection that allowed him to explore the concepts of natural language processing where he built a browser extension capable of acting as a moderator to detect hate speech and gender bias in text. Being a Machine learning enthusiast myself, I have had a lot of conversations about new technologies and future enhancements with his class, to which he always has something to contribute, which shows his steadfastness in the subject.

He never failed to make an impression on the professors in terms of the quality of his projects, punctuality, keen observance, commitment, and discipline. In addition to his academic profile, he is a prolific footballer who has participated, and have won many competitions inside the campus. Having excellent communication skills and an outgoing nature, he was also a campus ambassador for Viral Fission for 2 years. This makes me elated as I believe that a rounded holistic development is key to the career growth of a person and Kaushik is certainly one person, I would consider an all-rounder.

Considering his diligence, motivation, and intelligence, I strongly believe that Kaushik would scale to greater heights in the future. Given all the above facts, I strongly recommend him for admission into your graduate program, as I believe he will be a strong asset to your institution. Please feel free to discuss this recommendation,


Sincerely,

Dr.A.Rajesh

Dr.A. RAJESH

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