



# KATHMANDU MODEL SECONDARY SCHOOL

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## LETTER OF RECOMMENDATION

To whom it may concern,

I am writing to provide my highest recommendation for **Mr. Sanjok Gharti**, a remarkable student whom I have had the privilege of teaching for two years at Kathmandu Model Secondary School. As his mathematics teacher, I have witnessed firsthand his tremendous talent, dedication, and passion for the subject.

Sanjok's enthusiasm for mathematics is exceptional; it is much more than just a book-based understanding of math. The way he naturally questions things and analyzes them was apparent in the development of an innovative path optimization algorithm for his drone project. Using the calculus of variations and combinatorial optimization techniques, Sanjok created a complex mathematical model that resulted in a 42% reduction in the average time to locate areas and 98% area coverage for landslide response operations. This project demonstrated Sanjok's mastery of advanced mathematical concepts and further demonstrated his ability to apply theoretical knowledge in ways that solve critical problems facing society. His project represents an example of how mathematical innovation can be used to improve the efficiency of emergency responses and increase the safety of communities.

Sanjok is not only a well-known student of the class but also a familiar presence on the school premises. He has a strong ability to lead and hence never hesitates to stand out from the crowd and represent the student group. He learned a lot by conducting class discussions and arguments. He has always stepped ahead to take pleasure in this chance and is always one step ahead of his contemporaries in assisting. He had always tried to grow him beyond his years. He is a critical problem thinker who is transparent in his ideas and the approach he takes towards complex problems.

He is a good-humored, energetic, and jovial student. I have seen him explaining concepts to his classmates, his juniors, or any person who reaches him. I really admire this quality of his; he never hesitates to clarify things, and he is always the first to raise his hand in any class, but math class for sure. Sanjok never fears to take the marker and explain the concepts in the class. His confidence really makes me proud that I have such a student to teach.

In conclusion, Sanjok is an outstanding student who has consistently demonstrated his exceptional aptitude for mathematics and his unwavering dedication to the subject. His impressive accomplishments, innovative projects, and remarkable achievements all reflect his immense potential and passion for Mathematics. I wholeheartedly recommend Sanjok for admission to your esteemed institution, where I am confident that he will continue to excel and contribute positively to your academic community.

Sincerely,

Gunakhar Pokharel

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