**TO WHOMSOEVER IT MAY CONCERN**

I take pleasure in introducing to you Amay Tiwari, whom I have known since 2015, as a student at our institute for his undergraduate program in Electrical and Electronics Engineering. He attended my lectures with regularity and interest, demonstrating much enthusiasm in understanding the intricacies of the subject. He was eager to explore different avenues under its ambit. Also, my assessment of his class performance, presentations, assignments, and project work proved his hard work and dedication and capability to study the subject at a higher level. I believe he has rightly chosen to pursue a Master’s degree in this field and explore this area of study to greater depths.

In my classes in Mechatronics and Entrepreneurship Development in the Sixth and Seventh semesters, respectively, and having supervised his business model for his product - Smart Cooler with Google Assistant, I gauged his strong foundation of the basics and an analytical mindset. The passion he invested in learning new things and implementing concepts learned in the class demonstrated his in-depth knowledge of the topics. He was thus able to present them with confidence.

His project on Smart cooler with Google Assistant was designed and fabricated for the technical event judged by a panel of industrial experts, where while working in the team, Amay had to develop a market research for the product in order to understand its market size and demand. Along with his team, he went to different cooler retailers and got feedback from them. They also performed an online check via Google keywords tool.

He did another minor project in his Sixth semester on Performance Analysis by Single Phase Wind Generator under the sustainable energy category. In this project he worked on a 1.5KW small wind turbine system (SWTS) analyzed the performance and its power via graphs between various parameters using ample readings taken form instrument of Texas Instrumentation also as scope of work he researched cost efficiency.

To add, his project work and seminar presentations spoke volumes about his sincere attempts at gaining a surfeit of knowledge on a given topic. They also proved his desire to acquire a strong foundation in the area of industrial technologies and innovative approach adhering to practical feasibility. He also did this through active participation in various workshops and seminars held in the college. An interactive and curious student, Amay therefore, added much value to the lessons that I taught.

His research work on “Feasibility analysis for enhancement of output power of solar PV panel by use of Phase Change Material (PCM) based cooling technique” was published in International Journal Malaya Journal of Matematik, Malaysia 2017.

Since his first year itself he has shown a great inclination towards the field of innovation and entrepreneurship. He was awarded with Runner-up prize at KIET group of institutions for his idea and presentation on a comprehensive study material for children of different age groups from primary to HSC to SSC, all packed with quizzes and sessional tests just like school which could be provided to student who are not privileged to attain quality education.

In my capacity as his teacher, I can state for Amay’s ability to handle the graduate program at your university. Given an opportunity to do so, would enable him to go far in his academic career. He has my best wishes.

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