

Letter of Recommendation

It gives me great pleasure in recommending Vishal Devnale for his application to the master's program at your esteemed university. During his under graduate program at Vishwakarma Institute of Technology, I taught him "Applied Electro-mechanics for Robotics (LAB)", "PIC Micro Controller (LAB)", "Embedded Systems (TH, LAB)" and "Digital Logic Design". I was also his guide for mini project as well as for final year major project. I can certainly characterize Vishal as one of the finest student with a great passion for research and engineering. He is a quick learner with great focus, dedication, and consistency.

He has special inclination towards machine automation, robotics, and embedded systems. His performance in Embedded Systems (Honor - 9.45/10) justifies his interest and passion. During his Lab sessions, I observed that he was one among few of the students, who developed in-depth understanding by setting up some practical examples or experiments. In each of our interaction, I strongly sensed increase in his knowledge and potential to solve problems. He is proficient in C programming and data structure. His thoughtful queries from altogether different perspective triggered several deep discussions. I ranked his theory assignments and lab work as outstanding. Apart from his technical expertise, I remember him as quite a popular face amongst his batchmates for his helpful nature.

I guided him for a mini project – Agricultural monitoring system. During his mini project, he showcased his expertise in embedded programming, analyzing issues thoroughly and solving them effectively. I suggested him to explore automation field to ensure his interest. He selected 'PLC and Motion Coordinator' as topic for his final-year major project after attending industrial automation training and performing careful analysis of various literature on automation. He used simulation and analysis tools like Proteus to verify design before finalizing it and fabricating prototype. His projects are evidence of genuine interest in extending knowledge gained in theory and lab sessions. Vishal has shown good leadership in managing project activities meticulously, and being supportive and appreciative of the team.

He represented our college in multiple technical festivals organized by other colleges. He won several accolades while participating in such competitions. He won two prizes in Mélange – annual intercollegiate fest organized by our college: 'Microcontroller programming contest' and 'Line Follower - Robotics Competition'. His innovative approach to solve problem in Techno-Champ 2013 - All India Technology & Innovation Contest organized by John Deere was commendable. Apart from technical events, Vishal has also participated in college annual gathering and performed a UV light act. He mentored juniors to explore career opportunities and visited college to motivate students to participate in Techno-Champ.

Vishal is sincere, innovative, and committed student. I strongly feel that he possesses the ability to conduct complex and extensive research at your esteemed university. I would also like to recommend him for a suitable assistantship where he can make valuable contributions to the program and the research endeavors of the university. He will uphold the academic excellence just as he did here. I therefore highly recommend Vishal Devnale's candidature for graduate studies at your institution.

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