



HYDERABAD (SIND)
NATIONAL COLLEGIATE BOARD

THADOMAL SHAHANI ENGINEERING COLLEGE

LETTER OF RECOMMENDATION

I am pleased to write a letter of recommendation for Mr. Shrey Jain in support of his application for a Master's program at your esteemed institution. As his Mentor, I have known him for three years and have taken his theory and lab sessions on the subjects, Microprocessor and Peripherals Interfacing as well as Microcontrollers and Applications. His exemplary performance in the subject also reflects his objective and rational bent of mind. Additionally, I have supervised his mini-project. Shrey has proven to be a highly focused and dedicated student throughout his academic journey, and I have no reservations in wholeheartedly recommending him for a master's program at your revered University.

Shrey is a sincere and industrious student with a high level of intellectual maturity, as he secured an overall CGPA of 8.56/10 and ranked in the top 10 in the 5th and 6th Semester. He regularly attended my lectures and cleared his doubts on the concepts, also gaining some extra information regarding the same. He has continuously exhibited proficiency in learning new subjects, not limiting his knowledge to the curriculum. This was evident during academic projects and submissions, which he finished meticulously and before the deadline. He actively contributed to classroom discussions by putting across valid points with logical reasoning. I was impressed to see how he understood the most complex concepts such as 8086 Microprocessor and 8051 Microcontroller with absolute ease. In addition to that, he possesses a firm and well-rounded knowledge of various software like AurdionoIDE and the Thingspeak platform.

Furthermore, I have supervised his minor project titled 'Obstacle Avoidance Vehicle.' In this project he aimed to avoid any obstacle in the path of a vehicle. Shrey ingeniously leveraged his understanding of the concepts of microcontrollers by using Arduino Uno. He initially faced challenges while detecting obstacles that appeared suddenly. He resolved the issue using an Ultrasonic Sensor that is capable of discovering hurdles, thereby exhibiting his problem-solving skills. By completing the project successfully, he has displayed the breadth of knowledge he acquired from the Microcontroller and application lab practical. Throughout this project, he has showcased commendable teamwork. Moreover, he delivered an excellent presentation and demonstration of this project that highlighted his communication skills.

Apart from academics, Shrey was actively involved in extracurricular activities. He volunteered in beach cleanliness drive. In summary, Shrey is an extremely conscientious student who displayed dedication and a keen interest in learning new concepts. His proficiency in technical courses and clarity of thought makes him an ideal applicant for a Master's at your University. Hence, I strongly recommend his candidature for a Master's program at your reputed institution and wish him all the luck in his future endeavors.

Sincerely,

Prof. Amit S Hatekar

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