



# Don Bosco Institute of Technology

Approved by AICTE & Affiliated to University of Mumbai - ENGINEERING COLLEGE

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## LETTER OF RECOMMENDATION

I am writing to recommend Ms. Vendra Sekar from the batch of 2020-2024 for admission to your esteemed graduate program. As Head of the Department of Information Technology and her professor, I have had the privilege of teaching Vendra in several undergraduate courses, including Automata Theory and Software Testing & Quality Assurance. I have served as her project guide, witnessing her exceptional abilities and unwavering commitment.

Vendra's internship project involved developing an AI-based chatbot for interview preparation. She demonstrated her ability to grasp complex concepts, apply them to real-world problems, and produce innovative solutions. Her chatbot effectively utilizes natural language processing and machine learning techniques to provide engaging interview preparation tests, reducing manual grading efforts while delivering accurate results. Vendra's work on this project highlights her strong technical skills, problem-solving abilities, and ability to work independently and as part of a team. In her final year project, Vendra expanded her knowledge to include wider concepts like image processing and research for her project on deepfake detection. Her dedication to identifying loopholes in deepfake detection technology and analyzing effective solutions is commendable. Her research and contributions significantly benefited her team's progress.

Beyond her technical expertise, Vendra demonstrates exceptional leadership and communication skills. As the Chairperson of her institute's Computer Society of India (CSI) student chapter, she played a pivotal role in shaping the department's culture, organizing workshops, events, and promoting open-source technologies. Her ability to inspire and motivate, coupled with clear communication, establishes her as a natural leader. Vendra's active participation in hackathons demonstrates her innovative problem-solving under time pressure. In her role as a Teaching Assistant Intern for the Creative Exploration and Advanced Skilling in Technology for STEM (crEAST) initiative, she significantly contributed to teaching web development to school students. Her effective communication of complex technical concepts made her an invaluable asset to the team. Moreover, Vendra served as a dedicated mentor to her juniors, providing guidance and support academically as well to help them adapt to college life, always approachable and willing to assist her peers with their doubts.

I am confident that Ms. Vendra Sekar's academic prowess, technical proficiency, and leadership skills make her an ideal candidate for your graduate program. Her exceptional achievements in both academic and extracurricular activities underscore her commitment to excellence. I wholeheartedly recommend her for admission to your esteemed institution. Should you have any further queries or require additional information, please do not hesitate to contact me.

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