

**SHRI RAMDEOBABA COLLEGE OF ENGINEERING**

**AND MANAGEMENT**

DATE: DECEMBER 26, 2023

**LETTER OF RECOMMENDATION**

To,

The Admission Committee,

With great elation, I would like to extend my recommendation for **Mr.Vedant Jayant Padole**, for pursuing his further studies in your reputed university. I am proud to have a student like him under me. I have been his teacher as well as his project guide for four semesters. In these two years he has grown into a very matured individual. I was his professor for **“Artificial Intelligence: Principles and Techniques”**, **“Machine Learning”**, **and** **“Deep Learning”.** I supervised him in the lab sessions of the aforementioned subjects also.My acquaintance with him, spread over 2 years, has given me an opportunity to observe him closely and judge his capabilities.

During my association with him, I found **Mr.Vedant Jayant Padole** to be a diligent young man always working hard for deeper understanding of the subject. The most striking aspect of his personality is his proper planning and positive attitude with which he approaches the task assigned to him. His performance in these courses were exemplary, which earned him top grades in the class. As a professor in the department I am also aware of his commendable performance in almost all the courses. His strong inclination towards computer science and engineering is evident by his performance and enthusiastic participation in classroom discussion. He has a very good ability to implement his knowledge to develop practical applications.

Under my guidance **Mr.Vedant Jayant Padole** has developed a noteworthy project titled **“American Sign Language Recognition and Translation using Deep Learning frameworks”**. His work involved predicting the signs and gestures, which are unfamiliar to non-native signers, using object detection frameworks and deep learning algorithms. For this project, he received RCOEM’s TBI (Technology Business Incubators) award for best innovation in Information Technology. His praiseworthy contribution in his final year project titled **“Driving Hypnosis and Drowsiness detection for Samrudhi Mahamarg ''** cannot go unnoticed. He demonstrated his skills and proficiency in languages like Python and R, utilising frameworks like Tensorflow, Scikit, and also various other object detection frameworks like YOLO (You Only Look Once) and SSD (Single Shot Multibox Detector) through his projects.

Currently, **Mr.Vedant Jayant Padole** wants to strengthen his academic proficiency by pursuing his Master’s program at your university and I believe that he is fully capable of living up to the high expectations at your esteemed university. With his skills and academic aptitude he will prove to be a valuable student and I recommend him strongly for your graduate program. I wish him luck in his pursuit of excellence.

**Prof. Shailendra S Aote**

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