



भारतीय प्रौद्योगिकी संस्थान मुंबई  
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IIT Bombay

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Mumbai

## Certificate

This is to certify that Mr. Pratik Prakash Pakhale, a student of the Indian Institute of Information Technology Dharwad, successfully completed his internship at the Indian Institute of Technology, Bombay.

During the three months summer internship, Mr. Pratik Prakash Pakhale worked under my supervision and diligently fulfilled his assigned responsibilities. Throughout the duration, I had the opportunity to closely observe his work, and I am highly satisfied with the output of his internship. As part of the project titled "*Person Deidentification and Emotion Recognition of Students in Classroom Environments Using Deep Learning Techniques*," Mr. Pratik Prakash Pakhale displayed commendable dedication and expertise. His active involvement in this project exemplified his commitment and capability to grasp and contribute effectively to research-based initiatives.

As he embarks on his academic journey, we extend our best wishes to Mr. Pratik Prakash Pakhale for all his future endeavors. I am confident that he will continue to excel in his chosen field.

Dr. Ashwin T S  
Internship Coordinator  
SMiLE Lab  
IDP in Educational Technology,  
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