

# **Online Exam Learning Behavior**

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**Abstract:** *Online exams are becoming very common, but it is difficult to ensure that students do not cheat. This paper presents a smart system that monitors student behavior during online exams in real time. The system can detect if a student is using a mobile phone, if more than one person is present, if the student is looking away frequently, or if they switch tabs during the exam. It uses computer vision and browser tracking with Python and Node.js technologies to identify suspicious activities. The system can give alerts whenever unusual behavior is detected. This solution helps make online exams more fair, reliable, and secure, and can be easily used in real-time exam environments.*

**Keywords:** online exam monitoring, cheating detection, mobile phone detection, multiple face detection, gaze tracking, tab switching detection, computer vision, OpenCV, artificial intelligence, real-time monitoring

