

## **EMOTION-DRIVEN PERSONALIZED LEARNING FRAMEWORK FOR ONLINE EDUCATION**

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### **ABSTRACT**

*The Considerable effect of covid-19 epidemic has led to discontinuous of offline classroom and the teaching methods are changed to virtual learning. To make the online learning atmosphere satisfactory similar to conventional offline learning classroom, it is very important to make sure of active participation of students during the online classes. This Paper put forward a deep learning-based technique by using the facial emotions to catch the real-world participation of the students in the online classroom. All this is done by the interpreting the student's facial expressions to differentiate their emotion in all over the session. In spite the hike in the Previous year admission percentage of the student as compared to previous year are continuously leading to the decrease of student holding ratio. To bring down the detrition and make sure the ongoing progress of the online courses, it is essential to carry on with judging and continuously analysing the latest updated text to realize the switching of the reaction of the students & faculty members participating online during the 21st century and also to inspect how they interlock as an interpreted learning community*

**KEYWORDS:** *Emotion-Aware Learning, Facial Emotion Recognition, Machine Learning, Computer Vision, Real-Time Emotion Detection*

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