

पेटेंट कार्यालय  
शासकीय जर्नल

OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE

निर्गमन सं. 41/2020  
ISSUE NO. 41/2020

शुक्रवार  
FRIDAY

दिनांक: 09/10/2020  
DATE: 09/10/2020

पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

  
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Management - Technical Campus, INDORE

The Patent Office Journal No. 41/2020 Dated 09/10/2020

52158

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202021041916 A

(19) INDIA

(22) Date of filing of Application :27/09/2020

(43) Publication Date : 09/10/2020

(54) Title of the invention : CLASSROOM BEHAVIOR FEEDBACK SYSTEM AND METHOD

(51) International classification	:G06F19/00	(71)Name of Applicant :
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(33) Name of priority country	:NA	Technology and Management, Near Rala Mandal Village Tillore
(86) International Application No	:NA	Khurd , Indore-452020 Madhya Pradesh India Madhya Pradesh
Filing Date	:NA	India
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(57) Abstract :

Disclosed is a classroom behavior feedback system (100) that includes a video intelligent device (108), a video framing, and filtering module, a student emotion analysis module, a student information management module (202), a feedback generation module (204), and a depression detection and counseling alert module (206). The video intelligent device (108) captures live video of the students present in a classroom (208). The video framing and filtering module processes the live video captured by the video intelligent device (108) by utilizing a framing and filtering on a selected appropriate frame. The student emotion analysis module receives the selected appropriate frame processed by the video framing and filtering module and matches with pre-stored emotions to detect mood types of the students. The student information management module (202) facilitates the students to input personal information on selected points displayed over a user-interface of computing devices (104). The student information management module (202) creates profiles of the students. The feedback generation module (204) generates feedback data containing mood types for each of the profiles. The feedback generation module (204) transmits the feedback data to the plurality of computing devices (104) corresponding to the students. The depression detection and counseling alert module (206) transmits an alert signal to the computing devices (104) upon detection of a negative emotion type by the student emotion analysis module. The most illustrative drawing: FIG. 2.

No. of Pages : 30 No. of Claims : 8

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