

(54) Title of the invention : AN IOT POWERED EDUCATIONAL SYSTEM AS INTEGRAL ELEMENT OF EMERGING TREND IN SMART EDUCATION

(51) International classification :G01B 030000, G01B 070000, G06Q 502000, G09B 190000, G09B 231800

(86) International Application No :NA
 Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
 Filing Date :NA

(62) Divisional to Application Number :NA
 Filing Date :NA

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(57) Abstract :
 One implementation of the present invention addresses the technological challenge of integrating student-requested learning content across multiple media types (e.g., video, images, live broadcasts, and problem banks) using a smart education application. As a result, in one embodiment, a smart education system is disclosed, which comprises: a smart education server to which an administrator or instructor uploads a plurality of learning content items, and which provides a service for learning content such as video clips, images, a live broadcast, and learning material; a student terminal loaded with the smart education application and connected to the smart education server via IoT enabled technology; and a student. Video-based data The video training module includes a video production unit for recording or writing a screen explaining writing or explanation while sharing the learning material associated with video data from one student terminal to another, one to one in accordance with the live training item selected by the student terminal. Image lecture data can also be delivered to the student terminal in a one-to-many fashion via a second streaming-providing unit, which encodes the image lecture data photographed in real-time and streams the encoded data to at least one student terminal.

No. of Pages : 22 No. of Claims : 7