



Workshop on ‘Fun Science Learning with TikTok’

Facilitator: Sharfuddin bin Abdul Shukor

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Venue: Science Lab 2, SEAMEO RECSAM, Penang, Malaysia

Rationale

TikTok is a video-sharing social networking service which is used to create short music, lip-sync, dance, comedy and talent videos of 3 to 15 seconds and short looping videos of 3 to 60 seconds. The application (app) gained popularity among Gen Z in many parts of the world, including Southeast Asia. It is downloaded more than 2 billion times, according to research firm Sensor Tower, with 623 million downloads during the first half of this year (Wong, et al, 2020).

According to Goodchild and Speed (2019), lessons that are supported by technology lead to more innovative forms of teaching and learning. In addition, people learn better from words and pictures than from words alone (Richard Mayer’s Multimedia Principle). Accessing both channels double the chances of a learner in retaining the information presented (2009). In a 1998 study by Mayer and Moreno, for example, students were found to learn most effectively when they were shown an animation that was accompanied by narration, rather than added on-screen text.

TikTok’s short video nature of combining narration and visual effects can be utilised by science teachers to convey concise content more engagingly. Moreover, this app can bring back fun in learning science among Gen Z.

Objectives

At the end of the workshop, the participants should be able to:

- Learn the fundamentals process in TikTok videos
- Integrate TikTok in science lesson

Workshop Facilitator



Mr. Sharfuddin b. Abdul Shukor holds a master’s degree in Education Management and Administration from *Universiti Teknologi Malaysia*. He has 20 years of teaching experience as a science teacher in Segamat, Johor and Kerian, Perak. He is currently a Science Education Specialist in the Training Programme Division, SEAMEO RECSAM where he has the responsibilities to facilitate and supervise training courses for educators from the SEAMEO member countries and beyond.