

## **Analysing Tertiary Lecturers' Teaching Practices and Their English Major Students' Learning Practices with Information and Communication Technology (ICT) Utilization in Promoting Higher-Order Thinking Skills (HOTS)**

**Authors :** Malini Ganapathy, Sarjit Kaur

**Abstract :** Maximising learning with higher-order thinking skills with Information and Communications Technology (ICT) has been deep-rooted and emphasised in various developed countries such as the United Kingdom, the United States of America and Singapore. The transformation of the education curriculum in the Malaysia Education Development Plan (PPPM) 2013-2025 focuses on the concept of Higher Order Thinking (HOT) skills which aim to produce knowledgeable students who are critical and creative in their thinking and can compete at the international level. HOT skills encourage students to apply, analyse, evaluate and think creatively in and outside the classroom. In this regard, the National Education Blueprint (2013-2025) is grounded based on high-performing systems which promote a transformation of the Malaysian education system in line with the vision of Malaysia's National Philosophy in achieving educational outcomes which are of world class status. This study was designed to investigate ESL students' learning practices on the emphasis of promoting HOTS while using ICT in their curricula. Data were collected using a stratified random sampling where 100 participants were selected to take part in the study. These respondents were a group of undergraduate students who undertook ESL courses in a public university in Malaysia. A three-part questionnaire consisting of demographic information, students' learning experience and ICT utilization practices was administered in the data collection process. Findings from this study provide several important insights on students' learning experiences and ICT utilization in developing HOT skills.

**Keywords :** English as a second language students, critical and creative thinking, learning, information and communication technology and higher order thinking skills

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