



PRINCE of
SONGKLA
UNIVERSITY

LIBRARY AND
INFORMATION SCIENCES
INFORMATION MANAGEMENT
KNOWLEDGE MANAGEMENT AND SERVICES

INFORMATION SCIENCES
EDUCATION TECHNOLOGY

LEARNING TECHNOLOGY AND INFORMATION STUDIES

INNOVATION INFORMATION AND
INFORMATION TECHNOLOGY LITERACY
LEARNING MEDIA
EDUCATION TECHNOLOGY



Journal of Information and Learning [JIL],
Office of Academic Resources, Prince of Songkla University, Pattani Campus
181 Charoenpradit Road, Rusamilae Subdistrict, Mueang District,
Pattani Province, 94000, Thailand

Journal of

Information and Learning

Volume 33 Issue 3 September-December 2022

ISSN 2697-6587 E-ISSN 2730-2202



Office of Academic Resources
Prince of Songkla University