



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  
LIFELONG LEARNING LEARNING MEDIA  
DIGITAL AND EDUCATION TECHNOLOGY  
PHYSICAL LEARNING PLATFORM



Journal of

# Information and Learning

Volume 34 Issue 1 January-April 2023

■ ISSN 2697-6587 ■ E-ISSN 2730-2202



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

Office of Academic Resources  
Prince of Songkla University