

AI AND DIGITAL TECHNOLOGY FOR COMMUNITY RESILIENCE VIA A ONE-HEALTH PROGRAMME IN SOUTHEAST ASIA

STATEMENT OF RESEARCH PROJECT

How can AI-enabled digital interventions strengthen community health resilience by promoting preventive health behaviours, and how do trust, motivation and cultural context influence their effectiveness across diverse Asian communities?

SCOPE OF WORK FOR SELECTED PHD STUDENT

The PhD student will investigate how AI and digital technologies can strengthen individual and community health resilience through behavioural health, health communication and digital interventions. The work will include reviewing relevant theories and evidence, identifying key behavioural and psychosocial factors, and conducting empirical research using appropriate qualitative and/or quantitative methods. The student will develop and evaluate an evidence-based digital intervention and assess its effectiveness, acceptability and applicability across diverse populations and Asian contexts, with the potential for translation into real-world health settings.