1.Name: Mr. Worawit Israngkul

2.Education :
Master of Science, Technical Management, West Coast University, 1992

Bachelor of Engineering, Computer Engineering, King Mongkut of Technology Lardkrabang, 1988

3.Academic experience :
Dean of Faculty of Engineering, Mahidol University: 2011-2015, Full time

Head of Electrical Engineering Department, Faculty of Engineering, Mahidol University: 2008-2011, Full time

Chief of Education Technology, International College, Mahidol University: 2007-2008, Part time

Head of Electrical Engineering Department, Faculty of Engineering, Mahidol University: 1995-1999, Full time

Specialist in:
Computer Programming – Assembly, C, Python , PHP
Microprocessors – IoT development, Arduino, Raspberry Pi, ESP32, NodeMCU
Computer Aided Design and Manufacturing – 3D CAD/CAM software, 3D Printing
Network Programming – Socket, MQTT, Webhook, IoT
Video Production and Broadcasting – Offline and Live Production, Open Broadcast
Aerial Videography – Multirotor Drone Video Recording – Double Pilots

4.Non-academic experience :
PC Specialist, Infiniti Computers, Pasadena, CA,USA, 1991-1992, Full time
Electrician, Unocal 76 Gas station, Downey, CA,USA, 1990-1991, Full time
Front-end Programmer, Siam Commercial Bank, Head quarter, 1988-1990, Full time

5.Certifications or professional registrations:
Novel Netware Administrator, 1989

6.Current membership in professional organizations
Specialist (ISP), NIA (National Innovation Agency) since 2017

7.Honors and awards:
Mahidol University Ambassador Award in "Originality" core value, 2013
Mahidol University Honors – Flooding protection for Salaya Campus, 2011
Best Employee Award, Siam Commercial Bank, 1990

8.Service activities

Manager and Coordinator, USAID COMET Education Development Program, 2014-2017
Head Team, University Game IPTV Broadcasting production, Thamasart University, 2006
Station Manager, Community Radio "SALAYA RADIO 90.75MHz" Faculty of Engineering, 2005-2008
Founder, TV Broadcasting team for ceremony, Mahidol University, 1997

9. Publications

"IoT – Internet of Things" Mahdiol University MOOC (Massive Open Online Course), Mahidol University MUx (http://mooc.mahidol.ac.th) , MU-EG MOOC03, Nov 2018

"3D Model design and printing for community service", Thai Massive Open Online Courses (http://thaimooc.org/courses/course-v1:MU-MOOC+mu007+2017_T2/about), Nov 2017
"USAID COMET Model for Electrical Engineering Classes (Case study: EGEE211 Computer Aided Design, EGEE481 Computer Network Systems)", Worawit Israngkul, EECON-39 (Electrical Engineering Conferences 39th), October 2016 (Invited Paper)

10. Professional development

Manager and Coordinator, USAID COMET Education Development Program, 2014-2017 – Workshop and Training on Outcome-based Learning