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#### **BIOGRAPHY:**

Weerayute Sudsomboon received the B.S.Ind.Ed. degree in mechanical engineering from King Mongkut's University of Technology Thonburi (KMUTT), Bangkok, Thailand, in 2000; the M.Ind.Ed. degree in vocational education administration from King Mongkut's Institute of Technology Ladkrabang (KMITL), Bangkok, Thailand, in 2004; and the Ph.D. degree in learning innovation in technology from KMUTT, Bangkok, Thailand, in 2011, respectively. Furthermore, he received the Petchra Pra Jom Klao Ph.D. Research Scholarship for promoting the students with distinguished academic capabilities. He was an instructor with the Department of Mechanical Technology Education, Faculty of Industrial Education and Technology, KMUTT, in 2005; and was a lecturer and Assistant Professor in Mechanical Engineering with the Graduate Program in Industrial Technology, Faculty of Industrial Technology, Nakhon Si Thammarat Rajabhat University (NSTRU), in 2012 and 2018, respectively. In 2004, he was a Visiting Automotive Technology Instructor with the Seoul Institution Vocational Advance Training (SIVAT), Seoul, the Republic of Korea, which was financially supported by grants from the Korea International Cooperation Agency (KOICA). In 2011, he has invited as a researcher from the Association for Career and Technical Education (ACTE) for the research presentation in CTE Research Conference at St. Louis, Missouri, USA. He was financially supported by grants from the National Research Council of Thailand (NRCT) and KMUTT as well.

#### **HONORS AND AWARDS:**

He received the highest of Thai Royal Decoration in Knight Commander (Second Class) of the Most Exalted Order of the White Elephant, in 2017. He received the Royal commemorative in His Royal Highness Crown Prince Maha Vajiralongkorn on Mahidol Memorial Day on September 24, 2013. He received the Royal shield in His Royal Highness Crown Prince Maha Vajiralongkorn on RUNIRAC IV for Outstanding Researcher Award on November 22, 2016, which held at Burirum Rajabhat University. He received the Outstanding Civil Service 2008 Award on behalf of King Mongkut's University of Technology Thonburi, on March 30, 2009.

#### **RESEARCH EXPERIENCE:**

He has worked as a researcher at the Department of Mechanical Technology Education, Faculty of Industrial Education and Technology, KMUTT, the Graduate Program in Industrial Technology, Faculty of Industrial Technology, NSTRU more than 15 years. In 2014 – present, he was established an Assistant to the Dean for Research and Development, FIT, NSTRU. Presently, he is the head of Intelligent Automotive Technology Research Unit, NSTRU. Furthermore, he is the head of Academic Journal of NSTRU, and the editorial team of Wicha Journal (Science & Technology), NSTRU. His major research interests include mechanical systems, signal processing and its applications to other modern automotive technology and mechanical engineering education areas. He is a reviewer in national and international level journals and conferences for 10 years. He is the honor of inviting the expertise and the speaker in mechanical engineering, industrial technology and various vocational and technical education areas. He has published many articles in national and international level journals and conferences. He has initiated a number of national/international research collaborations with Nissan Motor (Thailand) Co.,Ltd, Nissan Surat Piya Co.,Ltd, and Mitsubishi Motors (Thailand) Co.,Ltd. He had also initiated joint research collaboration between NSTRU and various industries.