

Short Curriculum Vitae

Professor Ubolluk Rattanasak

Professor Ubolluk Rattanasak received her Ph.D. in Chemical Engineering from the University of Birmingham, United Kingdom, under the Thai Royal Scholarship. Her doctoral research focused on the microstructure of pozzolan–cement composites. She is currently a Professor in the Department of Chemistry, Faculty of Science, Burapha University, Thailand, where she has served throughout her academic career.

Her research interests center on fly ash–based geopolymer composites and the sustainable utilization of industrial solid wastes for construction and environmental applications. Professor Rattanasak has received several prestigious honors, including the TRF-CHE-Scopus Young Researcher Award (Engineering and Multidisciplinary Technology) in 2013, the Thomson Reuters Thailand Frontier Author Award in 2015, and the National Distinguished Researcher Award in Physical Science and Mathematics in 2024.