

# Outstanding Young Alumni Award in Professional Achievement of PolyU BRE 2022 Awardee Brief Biography



## **Ir Phyllis CHEN Fai Wing**

*BSc (Hons) Building Engineering and Management  
(Year of Award: 2003)*

*The Hong Kong Polytechnic University*

*MSc in Construction Project Management  
(Year of Award: 2007)*

*The University of Hong Kong*

Ir Phyllis Chen Fai Wing graduated from the Hong Kong Polytechnic University with a Bachelor of Science in Building Engineering and Management and acquired the Dean's Honours List of the Faculty of Construction and Land Use in 2003. She devoted herself to the construction industry for 18 years, and has consistently delivered her works in high efficiency and quality and led her team to complete many challenging jobs in various large-scale building projects in Hong Kong and Macau, such as Advanced Manufacturing Centre (AMC), One Taikoo Place, Shanghai Commercial Bank, Sheraton Macao, Pacific Place Mall Contemporization, Venetian Macao. With her outstanding leadership in Project-in-Charge of the Central Plaza Podium Extension project, she is recognised by the Hong Kong Institute of Construction Managers (HKICM) as the Grand Award of Excellent Construction Team (A&A works), Construction Manager Award and Young Construction Manager Award.



She is an experienced Project Manager with various professional qualifications such as a Member of the Chartered Institute of Building (MCIQB), a Member of the Hong Kong Institution of Engineers (MHKIE), Registered Professional Engineer (RPE), HKICM, as well as the Authorized Signatory (AS) of Registered General Building Contractor (RGBC). Her strength is using her strong technical knowledge and innovative ideas to allocate and utilise the resources efficiently.

With her extensive and in-depth knowledge gained previously, Ir Chen becomes an Engineering Supervisor (ES) of HKIE scheme A training and qualified trainer for various courses in Gammon Academy. Her goals are to use her own experiences and professional knowledge to help the construction practitioners, including frontline staff, workers, and engineers, enhance their performance on the project execution, and attract more young and energetic talents to join and stay in the industry.

Ir Chen is keen to promote the diversity and status of women in construction. She has been interviewed by media: South China Morning Post, Hong Kong Economic Times and the PolyU to share her own experiences and how women overcome myths and prejudice to succeed as engineers in the male-dominated world of construction. Her contribution will definitely attract more women to join this interesting industry.

Ir Chen advocated the use of innovative technologies for project management and adopted the innovative technologies in the project development of the AMC, for instance, Inspector, Trade by Trade handover, Virtual Reality (VR), or Augmented reality (AR) in construction, Modular Integrated Construction (MiC), Design for Manufacture and Assembly (DfMa), Multi-trade Integrated MEP (MiMEP), Building Information Modelling (BIM), etc. She has also implemented several innovative technologies such as Bondek formwork for slab construction, modular construction method for perimeter catch platform, prefabrication of mechanical ventilation and air conditioning (MVAC) pump sets and maintenance platform for chiller plant, DfMa and BIM coordination for the unitised curtain wall system, solar task light charged by PV panels, and so on. Her outstanding performance and effort in driving the change have a significant contribution to the development of Gammon and the industry. More young and energetic talents can be attracted to the industry with her promotion.



Despite her busy schedule, Ir Chen had joined MINDSET in 2014 – 2016 as a Jardine Ambassador. During her service period, she actively participated in over 30 trainings, workshops and activities co-organized with the Hong Kong



Hospital Authority and 27 secondary schools. She was also in charge of several activities such as city orientation and singing contests. Her great contribution to this programme helps those suffering or recovering from mental illness return to work and raises money and awareness of mental health-related issues through fundraising activities.