

## Planning 1: Overview lectures by distinguished researchers in the world textile engineering



**Dr. Yip, Joanne**  
(Associate Professor teaching  
intimate apparel and activewear  
courses in PolyU)

### 1. Lecture topic:

**Active training bodysuit for patients with spinal deformity:  
how to apply passive force and active posture training in  
functional garment design?**

### 2. Lecture style:

**On-line via Zoom**

### Speakers Biography

Dr. Yip, Joanne graduated with a BSc (Hons) in Textile Technology (with first class Honors) from the Hong Kong Polytechnic University (PolyU) and obtained her PhD at the same university. Her PhD study is Low Temperature Plasma and Excimer Laser Treatments on Polyamide. Prior to joining the university, Joanne had worked in Rice University in the US as a visiting researcher to conduct instrumental experiments. She has published more than 130 refereed and conference papers in Textile and Material Science Journals. She had also worked in the intimate apparel Industry and therefore particular familiarises with material knowledge, quality requirements and production techniques used in the market. Currently, Dr. Yip is Associate Professor teaching intimate apparel and activewear courses in PolyU and her research interests include flexible braces and sensor-based garment for patients with spinal deformity, new materials and technology, surface treatments on textiles, moulding or seamless techniques used in Intimate Apparel and Activewear.