

SBS5498 Final Year Project 2 (Applied Research Project)

<http://ibse.hk/SBS5498/>

Suggested Topics from Supervisors (2018-2019)

Name of Supervisor:	Dr. WANG Yuanhao
Email:	wangyuanhao@vtc.edu.hk
Tel:	2176-1500

Title:	Investigation on the development of vacuum glass and its application on green buildings
Description:	To conduct an investigation on the recent development of vacuum glass, including its operation principles, classifications, development history, stage-of-art progress, fabrication process and cost, advantages and disadvantages, and your comments and suggestions for the future development of vacuum glass on buildings.

Title:	Investigation on the development of transparent heat insulation coating and its application on the glass of green buildings
Description:	To conduct an investigation on the recent development of transparent heat insulation coating, including its operation principles, classifications, development history, stage-of-art progress, fabrication process and cost, advantages and disadvantages, and your comments and suggestions for the future development of transparent heat insulation coating on the glass of green buildings.

Title:	Investigation on the development of super hydrophilic self-cleaning coating and its application on green buildings
Description:	To conduct an investigation on the recent development of super hydrophilic self-cleaning coating, including its operation principles, classifications, development history, stage-of-art progress, fabrication process and cost, advantages and disadvantages, and your comments and suggestions for the future development of super hydrophilic self-cleaning coating on green buildings.

Title:	Investigation on the development of super hydrophobic self-cleaning coating and its application on green buildings
Description:	To conduct an investigation on the recent development of super

	hydrophobic self-cleaning coating, including its operation principles, classifications, development history, stage-of-art progress, fabrication process and cost, advantages and disadvantages, and your comments and suggestions for the future development of super hydrophobic self-cleaning coating on green buildings.
--	---

Title:	Investigation on the development of UV protection coating and its application on green buildings
Description:	To conduct an investigation on the recent development of UV protection coating, including its operation principles, classifications, development history, stage-of-art progress, fabrication process and cost, advantages and disadvantages, and your comments and suggestions for the future development of UV protection coating on green buildings.

Title:	Investigation on the development of anti-corrosion coating and its application on green buildings
Description:	To conduct an investigation on the recent development of anti-corrosion coating, including its operation principles, classifications, development history, stage-of-art progress, fabrication process and cost, advantages and disadvantages, and your comments and suggestions for the future development of anti-corrosion coating on green buildings.

Title:	Investigation on the development of moisture resistance coating and its application on green buildings
Description:	To conduct an investigation on the recent development of moisture resistance coating, including its operation principles, classifications, development history, stage-of-art progress, fabrication process and cost, advantages and disadvantages, and your comments and suggestions for the future development of moisture resistance coating on green buildings.

Title:	Investigation on the development of photocatalyst technology and its application on the air purification of green buildings
Description:	To conduct an investigation on the recent development of photocatalyst technology, including its operation principles, classifications, development history, stage-of-art progress, fabrication process and cost, advantages and disadvantages, and your comments and suggestions for the future development of air purification on green buildings.

Title:	Investigation on the development of building integrated photovoltaic technology and its application on green buildings
Description:	To conduct an investigation on the recent development of building integrated photovoltaic technology, including its operation principles, classifications, development history, stage-of-art progress, fabrication process and cost, advantages and disadvantages, and your comments and suggestions for the future development of building integrated photovoltaic technology on green buildings.