

POLITE Tech Resources

Facility List

Facility Name	Description / What is it?	Location	Contact Person / Office	Remarks
e.g. Photonics Lab	e.g. The lab focuses on the study and application of photonics, which is the science and technology of generating, controlling, and detecting photons, the particles of light. List of services it provides: - Educational Training - Research and Development - Technological Applications - Prototyping and Testing - Industry Support	e.g. TIE Centre, COI, COE or School Name	e.g. General enquiry cfes@np.edu.sg or specific staff managing the facility Office: 6123 4567 Email: Peter_Chuah@np.edu.sg	
Materials Characterization Facilities	Fourier Transform Infrared Spectroscopy	Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
	Raman Spectroscopy	Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
	Melt Flow Index Tester	Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
	Surface charge/Zeta potential analyzer	Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
		Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
Membrane Characterization Facilities	Scanned Electron Microscope (SEM) with Energy Dispersive X Ray Analysis (EDX)	Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
	Morphology Microscope	Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
	Tensile Strength Testing Machine	Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
		Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
		Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
Membrane Performance Evaluation Facilities	Membrane Fiber Fouling Evaluation System	Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
	Hollow Fiber Membrane Evaluation System	Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
	UF Membrane Performance Comparison System x3	Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
	Membrane Distillation Performance Evaluation System	Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
Water Quality Analysis Facilities	Liquid chromatography mass spectrometer SHIMADZU LCMS8030	Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	
	Inductively coupled plasma AGILENT 5100	Centre for Environmental Sustainability	Maung Tin Win/ Email: MAUNG_Tin_Win@np.edu.sg	

