

# Japanese Nanofibre Expert Visit to SKTM

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Clean water and power supplies are two major concerns in rural areas, coastal areas and islands, as well as deserts due to water scarcity and high cost of infrastructure. An integrated membrane distillation (MD) and osmotic membrane distillation (OMD) system using nanofibre membranes can be one of the sustainable technologies in producing both water and energy when using seawater and low grade energy as resources.

Thus, a collaboration between the School of Engineering and Information Technology and the Tokyo Institute of Technology, Japan was established to further expedite research and development in this field. As part of this collaboration, Mr. Takahashi, a nanofibre expert, had conducted a two days visit to the School on September 20th and 21st, 2013. The objective of the visit, which was hosted by the Dean, who is also an expert in nanofibre, was to finalise the setup of nanofibre production facility at the School of Engineering and Information Technology. During the visit, a demonstration of the capabilities of this technology was carried out to interested staff.

