

Different Facets of Tribology

Tribology literally is a study of 'rubbing', a form of motion that is very common in machine interactions. Generally, Tribology looks into three key concerns in engineering applications namely friction, wear, lubrication. By nature, Tribology is green because of its fundamental concern on reducing friction to prolong the life service of engineering components and efficiency of engineering system. Similarly, by nature, Tribology is a multidisciplinary study that goes beyond boundaries of research areas. This has contributed to different facets of research work associated with tribology as evident by the voluminous publications presented to academic community. This signifies the horizon of opportunity and applications awaiting tribology enthusiasts and advocates to explore and investigate for the advancements of related knowledge and technology in Tribology.

Brief biography

Prof Dr Salmiah Kasolang is currently the Dean of faculty of Mechanical Engineering, UiTM. She is actively leading a Tribology research group in UiTM with more than 50 indexed publications. Her engagement with MYTRIBOS has enabled her linked up with other tribologists in Malaysia. Currently, she is the vice president of MYTRIBOS. She is also the president of a new society, Society of Mechanical Engineering Liveliness that promotes many aspects of engineering including but not limited to education, research, industry-community engagement, engineering art, and engineering life style. She has produced eight postgraduate students and currently supervising another 6 students.