

[Tribology and Precision Machining (TriPreM)]

Quick Info

iKohza Name (in full)	Tribology and Precision Machining (TriPreM)
Leader	Prof. Dr. Kanao Fukuda
Email	fukuda.kl@utm.my
Website / Social Media	https://mjiit.utm.my/tribology/
Office Location	MJIIT building, North Wing, Level 8
Research Keywords	Tribology, Tribo-material, Humidity, Anodization, Carbon material

About the iKohza

Provide a short overview of your iKohza's vision, objectives, and the key focus areas of research (max 150 words).: Tribology is an interdisciplinary field that covers a wide range of fields, and can be said to be where engineering meets science. Therefore, the main goal of this laboratory is to conduct research activities that balance an endless interest in the industrial field with a sincere attitude toward scientific perspectives, and to promote the growth of its members through such research. Since its establishment in 2012, TriPreM has built relationships with many companies in Japan and elsewhere, and many of its graduates are employed and active in these companies. TriPreM will continue to play an active role as a technological bridge between Malaysia and Japan.

Highlighted Research Projects

List up to three major or impactful research projects currently being conducted by your iKohza:

- Project Title 1 (Short Description)
- Project Title 2 (Short Description)
- Project Title 3 (Short Description)

Facilities and Capabilities

Briefly describe important labs, tools, or resources available to your group.

Collaborations & Achievements

Highlight your national/international collaborators, key publications or patents, or any notable recognitions.

Core Team Members

1. Dr. Kanao Fukuda, Professor, Tribology and Hydrogen energy
2. Ir. Dr. Shahira Liza Kamis, Senior Lecturer, Tribology
3. Dr. Ts. Khairunnisa Mohd. Pa'ad, Senior Lecturer, Nano Materials
4. Dr. Noor Ayuma Tahir, Senior Lecturer, Tribology
5. Dr. Nur Zalikha Khalil, Senior Lecturer, Adhesion

Images and Media

Insert a group photo, research activity photo, or relevant image here.



Introductory Video

Link to video:

https://drive.google.com/file/d/1uCt65sTQaNmssiLeKSd5RqQP_5EUMfs/view?usp=drive_sdk