

## SUMMER SCHOOL FKM

COORDINATOR: Professor Dr Normah Mohd Ghazali ([normah@mail.fkm.utm.my](mailto:normah@mail.fkm.utm.my))

Program Particulars	
Name	: Summer School FKM
Field/Area	: Engineering – Mechanical/Civil/Materials/Manufacturing/Electrical
Background/Description	: It involves a learning experience inside and outside of lecture rooms (laboratory and industry) in a Malaysian environment with participants from Faculty of Mechanical Engineering (FKM) Universiti Teknologi Malaysia (UTM) too (as buddies).
Objectives	: <ol style="list-style-type: none"> <li>1. To increase knowledge in Mechanical Engineering generally and power plant operation as well as material analysis specifically.</li> <li>2. To improve the generic skills of students, in particular communication skill, team working, and self-confidence</li> </ol>
Content	: Participants will undertake biomass (palm oil) analysis, power plant laboratory exercise, and material analysis using an optical microscope and SEM, where they will gain knowledge on these aspects of engineering. Talks on current research in mechanical engineering shall be presented with visits to the automotive, aeronautics, and marine research laboratories at the faculty. Participants will also be taken to visit a local industry. In addition, participants will be able to experience some parts of the Malaysian culture while interacting/communicating with UTM students as their buddies as well as working in a team.
Duration/Time	: 1 weeks/2 weeks in January or July
Fees	: USD 1000 (1-2 weeks)/USD 1500 (3 weeks)
Application Requirements (if any)	: 2 <sup>nd</sup> year onwards
Application Deadlines	: 15 <sup>th</sup> November 2017
Target Participants	: Any students who are interested to learn beyond their lecture rooms
Participation limit	: 10-20 students per package
Special activities	: *Field trip/immersion/educational visit