



Vacancy for Graduate Assistant (MSc)

Title of project:	Effect of nanoparticle addition to palm olein based cutting fluid on cutting force and surface finish quality during turning of AISI 1040 steel
Synopsis & objective:	The objective of this research is to investigate the effect of nanoparticle addition to palm oil on its lubricating characteristics during turning of AISI 1040 steel. The effect of nanoparticle addition to palm oil on the tool life, cutting force and surface finish will be investigated during the turning.
Monthly allowance:	RM 1,500
Minimum qualification	For MSc: CGPA of 2.75 and above
Duration	GA support is available for 18 months
<p>Those interested please contact: Prof. Dr. Mani Maran Ratnam, School of Mechanical Engineering, Universiti Sains Malaysia Nibong Tebal, Penang E-mail: mmaran@usm.my</p>	