

Microscopy workshop at BMRS, IOES

Microscope is a must-have instrument for all research laboratories working with tiny organisms. Proper handling and maintenance of microscopes is crucial to keep them in optimum running condition. A microscopy workshop was jointly organized by Matrix Optic Malaysia and Bachok Marine Research Station (BMRS) of the Institute of Ocean and Earth Sciences (IOES) on April 20th, 2015. Three facilitators from Matric Optics were invited to the workshop. The workshop covered lectures on basic concepts and practical aspects of microscope (i.e. function of microscope, proper handling techniques, care and maintenance of microscope). The workshop was participated not only by staffs and postgraduate students of UM, but also internship students from University Malaysia Kelantan (UMK) who currently undergoing their internship training in BMRS. During the lecture sessions, participants were introduced to different types of microscopes, such as stereo, compound, fluorescence, and confocal microscopes. The product specialist, Mr David Lim, explained in detail the procedure in Koehler alignment of microscope optic, techniques on using different objective lens to obtain a better resolution image. During the practical session, participants were given hand-on training on basic maintenance, cleaning and care of microscope's components. BMRS is very grateful to Mr David Lim and his team from Matric Optics for this very fruitful workshop.



Lecture on Microscope by Mr David Lim



Participants observed specimens with the techniques they learned during the workshop.



Mr David explained on the maintenance of microscope units.