

Welcome to the AMMP CENTRE Bulletin. We would like to update you on:

✓ **Centre Activities**

- **Study Trip to Universiti Kebangsaan Malaysia (UKM)**
- **High Resolution Scanner**
- **Made in Malaysia: The Promising Developments of Precision and Specialized Machines**
- **International Workshop on Advanced Digital Imaging for Preservation, Conservation and Exhibition Design**

✓ **Achievements**

✓ **Upcoming Event**

✓ **Zecttron Sdn. Bhd**

Study Trip to Universiti Kebangsaan Malaysia (UKM)

10th September 2013, AMMP Centre arranged a study trip by the Visiting Associate Professor, Dr. Ghader Faraji together with one of his students Mr. Mohsen Mesbah. The trip to Universiti Kebangsaan Malaysia (UKM) were aim to determine the method of conducting and analyzing EBSD test and checking the feasibility of having collaboration with the university in characterization of material.

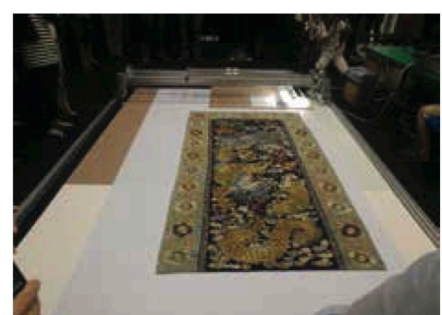
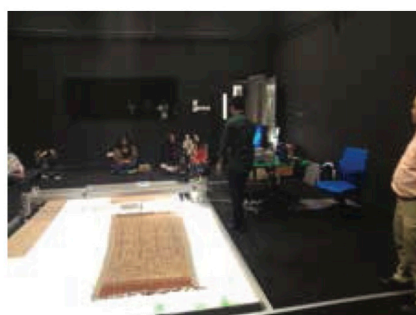
During the trip, lots of activities has been conducted such as meetings with technicians of FE-SEM lab, observation of the equipments used by UKM to do the characterization of materials, discussion with the students and sharing knowledge with the manager of FE-SEM lab about the ways of doing EBSD test and sample preparation. As a result, everyone involved in the trip gained a handful of knowledge from each other.



International Workshop on Advanced Digital Imaging for Preservation, Conservation and Exhibition Design

AMMP Centre arranged a study trip to Hong Kong for one of his Research Assistant, Mr. Mohamad Hilman Bin Nordin. The 'International Workshop on Advanced Digital Imaging' was aimed to experience and figuring out the ways of handling High Resolution Scanning Device. The 3 days workshop, dated from 11th September to 13th September gives the participants chance to learn both theory and practical aspect in handling state-of-the-art equipment on digital imaging. As a result, the trip objective has been fulfilled with the addition of potential future collaboration with two Japanese companies.

The International Workshop on Advanced Digital Imaging for Preservation, Conservation and Exhibition Design was held from 11th to 13th September 2013.



Made in Malaysia: The Promising Developments of Precision and Specialized Machines

3rd of September 2013 at Dewan Kuliah 6, Level 4, Engineering Tower - An Inaugural Lecture was delivered by Professor Dr. Mohd Hamdi Abdul Shukor particularly for UM Professors to share knowledge and thought in their respective expertise and also complements the promotional process and service extensions for professors in UM. The lecture on "Made in Malaysia : The Promising Developments of Precision and Specialized Machine" was mainly hosted by the UM International & Corporate Relations with the collaborations of AMMP Centre and Zecttron Sdn. Bhd.

The lecture focused on the importance of developments in manufacturing as it continues to be a vital economic thrust. According to Professor Dr. Mohd Hamdi Abdul Shukor, the technology and experience gained throughout the development and commercialization process would not only result in the production of competitively-priced, high-tech, but also in the creation of business-minded, tech-savvy entrepreneurs.



Zecttron

ANSYS: Hands on Training Workshop

Introduction

ANSYS is the world leading simulation software, it have provide the industries a revolutionizing change in various stage. For example, prototyping requires careful selection of component properties regarding stiffness, strength and vibration characteristics and applies especially to dynamic effect, which require considerable effort for testing. ANSYS simulation provides a clear picture of the behavior of the components being tested during the design stage.

Benefit

This Workshops is designed to equip you with a powerful set of skills, to enable you to perform various type of simulation. In this 3 days workshop, you will be exposed with ANSYS Simulation Software in both theory and practice covering latest techniques, wide area of simulation and intensive training on each subject. At the end of this workshops, participant will find themselves able to produce complex simulation in various aspect of engineering.

The AMMP Centre was established in 2002 with the aim of strengthening research activities in advanced manufacturing and material processes. The team has evolved from a small discussion platform of like-minded researchers to a fully operational research and consultation group in University of Malaya. Throughout the years, AMMP Centre has secured substantial research funding and commercialisation grants from both local and international sources. In addition, the Centre has completed a number of consultation work with the industry in developing customised apparatus and solutions for their needs.

The AMMP Bulletin is produced periodically. It is distributed among lecturers, students and staff of University Malaya. By following our monthly bulletin, you will be kept up to date with the latest AMMP Centre news and activities. See our website for further details: ammp.um.edu.my/v2 or email ammp@um.edu.my.

For research enquiries, please contact Mr. Amir Farhan at 03-7967 7633 or email amirfarhan17@gmail.com

High Resolution Scanner

About HRS

High resolution scanning device, Niji-X is a large-size flatbed High Resolution Scanner capable of performing Super High Resolution Scan, Multispectral Scan, Color Reconstruction. With Niji-X, it is now possible to preserve art and artifact in detail and in very high quality.

Our Service

We offer to preserve precious art and artifacts in digital format for the purpose of archiving, restoration and image analysis.



Achievements

Congratulations to Professor Ir. Dr. Ramesh Singh Kuldip Singh (Head of Department of Mechanical Engineering) was selected at the International Editorial Board of the prestigious Journal of Ceramics International (Q1, ISI-Cited Publication), for a four year period, starting from 1 January 2014.

In addition, Professor Ramesh on 12th of September 2013 became a Fellow and Chartered Professional Engineer at the Institution of Engineers Australia, due to his excellent contribution in the field of engineering. It is noteworthy to highlights his contribution as auditor at the Engineering Accreditation Council of the Board of Engineers Malaysia (BEM) and Industrial Advisor of the Institution of Mechanical Engineers (IMechE) UK.

Upcoming Events

- ➔ University Malaya Research Conference (UMRC), IPPP Auditorium (19th till 20th November 2013)
- ➔ Universities' Top Management Seminar : Developing High-Rank Universities (26th till 28th November 2013)
- ➔ Visiting Professor, Prof. Kiyotaka Wasa, Kyoto University (November 2013)