

## Contact

The Secretariat  
Short Course On Essential Oil Extraction  
(Fragrance) and Product Diversification: Theory  
and Practical

School of Bioprocess Engineering  
Universiti Malaysia Perlis (UniMAP)  
Kompleks Pengajian Jejawi 3  
02600 Arau, Perlis  
Fax: 04-979 8755



Mr. Mohd Qalani  
Tel: 04-979 8825 Hp: 012-796 3856  
Email: [qalani@unimap.edu.my](mailto:qalani@unimap.edu.my)

Ms. Rohazita Bahari  
Tel: 04-979 8834 Hp: 012-466 9896  
Email: [rohazita@unimap.edu.my](mailto:rohazita@unimap.edu.my)

## Accommodation Places

Hotel Putra Palace  
135, Persiaran Jubli Emas, 01000 Kangar, Perlis  
Tel: +604-9767755  
Fax: +604-9768857  
Email: [support@putrapalace.com](mailto:support@putrapalace.com)

Putra Brasmana Hotel  
Jalan Kampung Perak, 02000 Kuala Perlis, Perlis  
Tel: +604-9855900  
Fax: +604-9852300  
Email: [pbrasmana@msn.com](mailto:pbrasmana@msn.com)  
Website: [www.putrapalace.com](http://www.putrapalace.com)

Hotel Seri Malaysia  
Address | Lot 8101, Persiaran Wawasan, Kangar,  
01000 Kangar, Perlis.  
Phone | +604-977 1777  
Fax | +604-9772777

## Registration Form

Name : \_\_\_\_\_

Designation : \_\_\_\_\_

Organisation : \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Tel : \_\_\_\_\_ Fax: \_\_\_\_\_

Email : \_\_\_\_\_

Mode of Payment

- Cash  
 Cheque (Cheque No. \_\_\_\_\_ or  
Money Order/Bank Draf payable to **BENDAHARI  
UNIVERSITI MALAYSIA PERLIS**

Completed form is to be faxed to 04-979 8755 or  
emailed to: [qalani@unimap.edu.my](mailto:qalani@unimap.edu.my)

[rohazita@unimap.edu.my](mailto:rohazita@unimap.edu.my)

Closing date: No later than 2<sup>nd</sup> November 2011



## Essential Oil Extraction (Fragrance) and Product Diversification: Theory and Practical



Date:

9th - 10th November 2011

Organised by:  
School of Bioprocess Engineering  
Universiti Malaysia Perlis

Venue:

BKD1, Kompleks Pengajian Jejawi 3  
Universiti Malaysia Perlis  
02600 Arau, Perlis

## Introduction

The numerous health benefits of essential oils have been widely touted by many cultures who have used aromatherapy for a variety of reasons, promoting healing of both the mind and the body. Each oil features its own distinct qualities, aromas, and fragrances, and most are used in conjunction with others to create a specific result, such as soothing anxiety and stress, easing nausea, or relieving headaches.

Essential oils are derived from different sections of various plant life, including the petals of a flower, the rind of a fruit, or leaves, twigs, and bark from trees and wood. The process of extracting these oils takes a considerable amount of time, knowledge, and the right type of equipment, including a large quantity of plants .

## Objectives

Disclose the process of extracting the essential oil (fragrance) from readily available plants.

To provide skills to diversify the product from the extraction of essential oil (fragrance).

## Course Fee

Course Fee      RM 200.00 per pax  
(inclusive 2 lunches, 4 coffee breaks and course materials)

## Tentative

### Day 1 (9<sup>th</sup> November 2011):

Time	Program
8.30 am. – 9.00 am.	Registration of participants
9.00 am. – 10.00 am.	Introduction to extraction theory
10.00 am. – 10.30 am.	Morning break
10.30 am. – 1.00 pm.	Introduction of household product from essential oil
1.00 pm. – 2.30 pm.	Afternoon break and lunch
2.30 pm.– 4.30 pm.	Practical – formulation of household product from essential oil
4.30 pm. – 5.00 pm.	Evening break, end of the day one

### Day 2 (10<sup>th</sup> November 2011):

Time	Program
8.30 am. – 10.00 am.	Essential oil product commercialization
10.00 am. – 10.30 am.	Morning Break
11.30 am. – 1.00 pm.	Introduction of cosmetic products from essential oil
1.00 pm. – 2.30 pm.	Afternoon break and lunch
2.30 pm. – 4.30 pm.	Practical – formulation of cosmetic product from essential oil
4.30 pm. – 5.00 pm.	Evening break, end of the course

## Trainer

Assoc. Prof. Mohamed Murray Hunter  
School of Business Innovation & Technopreneurship.  
Universiti Malaysia Perlis



Master of Organisation Behaviour (Swinburne University of Technology), Melbourne, Australia.

Diploma of Perfumery (Plymouth University).

Murray Hunter was born into an entrepreneurial family and is the grandson of Len Hunter Senior who invented the iconic product Pine-O-Clean back in the 1930s. He has been both a researcher and entrepreneur throughout his life. Although he is a native born Melbournian, Murray has spent half his life in South-East Asia as an entrepreneur, academic, consultant, and government advisor.

Murray is now semi-retired as an Associate Professor at the Universiti Malaysia Perlis. He is the author of a number of chemistry patents in Australia and as researcher was the first to report many new natural compounds in the *Journal of Essential Oil Research*. He also is the author of *Essential Oils: Art, Science, Agriculture, Industry & Entrepreneurship: A Focus on the Asia-Pacific Region*.