

REGISTRATION FORM

Name :

Student Staff Private Agency

Organization

Contact No. :

E-mail :

Registration Fee :

Student : *RM500.00
Staff/ UPM Researchers/Government : *RM750.00
Private Agency : *RM850.00
(* Included 6% GST)

Mode of payment :

Cash Cheque LO

Bank / Jurnal

Transfer
Vote No. :

Please made payment to :

Account Name : Kira -Kira Am UPM
Account No . : 12150005004050 (CIMB Bank)

Please contact :

Secretariat

Registration

Mrs. Noorfaizan Anuar (03-8947 1345)
Mrs. Haslina Mohamed (03-8947 1341)

Payment

Mrs. Mastura Abdul Kadir (03-8947 1034)

Email : beginnersworkshop@gmail.com

HPLC for
Beginners Workshop :
Basic Theory and Application
Laboratori of Halal Science Research
Halal Products Research institute
Universiti Putra Malaysia
43400 Serdang Selangor

HPLC for Beginners Workshop on the Basic Theory and Application

**REGISTER
NOW!**



Date : 10 - 11 August 2016
Time : 8.30 am – 5.00 pm
Venue : Laboratori of Science Halal Research
Halal Products Research Institute

Organised by:



**Laboratori Penyelidikan Sains Halal
Institut Penyelidikan Produk Halal**

OBJECTIVES

- * to introduce principles and concept underlying HPLC as a routine method used in research laboratory
- * to provide hands-on experience for HPLC ; sample preparation and method development
- * to equip attendees with the ability for result analysis and basic problem troubleshooting in the HPLC

OVERVIEW

HPLC for beginners : Theory and Application is a specially designed workshop aims to provide useful step-by-step guided theoretical concepts and hands-on training for students or entry-level researchers who intended to enrich their knowledge or use HPLC in their future research.

This specially structured workshop will equip the attendees with the theoretical concepts underlying HPLC and tackles the first step of success HPLC experiment; which is the sample preparation. The attendees will be also equipped with the knowledge and ability develop their own method using HPLC. The attendees will be then bring to the complete experimental HPLC workflow from sample preparation, HPLC system handling, result analysis and interpretation followed by troubleshooting. As HPLC involves complex and combination of various components such as pump, injector, column, detector, mobile and stationary phase, it is essential for the student to be equipped with the theories and principles of each components. Interactive session is also included allow for massive discussion among attendees and experts.

It is hoped that this workshop will provide a beneficial platform for beginners to venture into the wide application of HPLC in research and clinical field.

WHO SHOULD ATTEND?

- * Undergraduate and post-graduate students
- * Science Officer/ Assistance Science Officer
- * Researcher

Maximum of 20 participants

TENTATIVE PROGRAM

Day 1 : 10 August 2016 (Wednesday)

Time	Program
08.30 - 09.00	Registration
09.00 - 10.00	Lecture 1 (Introduction on Basic Principle of HPLC)
09.30 - 10.00	Tea Break
10.00 - 12.00	Lecture 2 (Application of HPLC Analysis)
12.00 - 02.00	Lunch break
02.00 - 04.30	Practical 1 (Sample preparation)
04.30 - 05.00	Tea Break

Day 2 : 11 August 2016 (Thursday)

Time	Program
08.30 - 09.00	Breakfast
09.00 - 10.00	Lecture 3 (Method development)
11.00 - 12.00	Practical 2 (Data Analysis)
12.00 - 02.00	Lunch break
02.00 - 04.00	Practical 3 (General Trouble shooting)
04.00 - 05.00	Tea Break and end of Workshop