Registration Form

PARTICIPANT DETAILS	
Name	
NRIC No.	
Passport No.	
Citizen	
Designation	
Job Description	
Name & Address of Organization	
Tel No.	Ext.( )
Fax No.	
Mobile No.	
Email Address	
SPECIAL NEEDS (If Any):	
Meals (Please Specify)	Vegetarian/Non-vegetarian ( )
Others (Please Describe)	
How did you get to know about this course	

CLOSING DATE for **REGISTRATION** is:
9 Jun 2017

*** If you require further information, kindly contact Ms. Siti Asah ctasah.mdali@moh.gov.my or Ms. Zalikha zalikha.muda@moh.gov.my**

Fees and Registration Procedure

FEE	MYR 1610

- Email **completed Registration Form** to ifstc@moh.gov.my
- Invitation letter will be emailed to **successful registered** participants. This letter is applicable to support international travelling documents for foreign participants.
- Payment via **bank draft/money order/postal order payable** to :

KETUA SETIAUSAHA
KEMENTERIAN KESIHATAN MALAYSIA

- Payment must be made **before the stated date** in invitation letter.
- Seats are only confirmed upon received proof of payment.
- Course fee is inclusive of course materials, certificate, luncheon and light refreshment.
- Please be advised training venue may be subject to change.
- **No refund** will be made for **any cancellation after payment.**
- Availability of seats for participation is on
- ***"First Come First Serve Basis".***
- Course fee is **HRDF Claimable.**

HRDF CLAIMABLE

Level 4, Menara Prisma,
No. 26 Jalan Persiaran Perdana
Precint 3, 62675 Putrajaya, Malaysia
Tel: +603-88850797 ext. (4032/4301)
Faks: +603-88850790
Email: ifstc@moh.gov.my
Course Website: http://fsq.moh.gov.my/v5

INTERNATIONAL FOOD SAFETY TRAINING CENTRE (IFSTC) MALAYSIA

TRAINING ON MEASUREMENT OF UNCERTAINTY FOR FOOD MICROBIOLOGY ANALYSIS

11-13 July 2017
Putrajaya*

Establishment Under:
FOOD SAFETY AND QUALITY DIVISION
MINISTRY OF HEALTH MALAYSIA

***Subject to change**

MEASUREMENT OF UNCERTAINTY FOR FOOD MICROBIOLOGY ANALYSIS

INTRODUCTION

Microbiological parameters measurement in food samples is not as simple as it is often perceived. It is always associated with variations, which are called uncertainty. Uncertainty arises from different sources including errors and imperfection in measurement and reproducibility. It is a quantitative indication of the analytical variability of a result which may need to be taken into account when interpreting data.

Knowledge of the uncertainty of measurement of calibration and testing results is fundamentally important for microbiological laboratories. It is a requirement for **ISO/IEC 17025 General Requirements for the Competence of Testing and Calibration of Laboratories** accreditation.

This training is designed to provide guidance and oversight to estimation of uncertainty for microbiology analysis utilized in food related operation. Focus will be on the understanding of the uncertainty concept and its implication in measurement of tests and calibration. MU is a vital component in **Laboratories Quality Management System.**

OBJECTIVES

- To describe the significance of measurement of uncertainty for food microbiology analysis.
- To assist analysts identifying variations in measurement of tests and calibration.
- To determine which data must be collected and demonstrate how to calculate measurement of uncertainty .
- To describe how to use measurement of estimations as part of the laboratory's Quality Management System.

WHO SHOULD ATTEND?

- Quality Assurance Executive/Personnel
- Analysts/Microbiology Analyst
- Food Technologists
- Researcher
- Academician
- Anyone who involved with method development and assessing the performance of analytical method

TRAINING CONTENT

- **Introduction of Measurement of Uncertainty.**
- **Identification of Uncertainty Data.**
- **Evaluation of Uncertainty Data.**
- **Quantification of Uncertainty Data.**
- **Evaluation of Uncertainty Result to Defined the Uncertainty Range for the Lab Result.**
- **Group Work/Presentation.**

**** Participants are required to bring laptop during training.***

"The training was really good. Experienced trainer. Looking forward to have another training organized by IFSTC Malaysia"
-Participant, 2016

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