



EDUCATE

LABORATORY SKILL & MANAGEMENT PROGRAM

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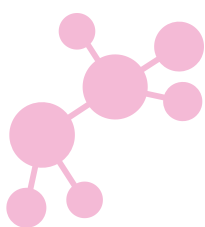
ENRICH

INSPIRE

HALQUEST

TRUST BUT VERIFY

*"Enabling bioscience industry through
skill proficiency, quality assurance and
business development "*

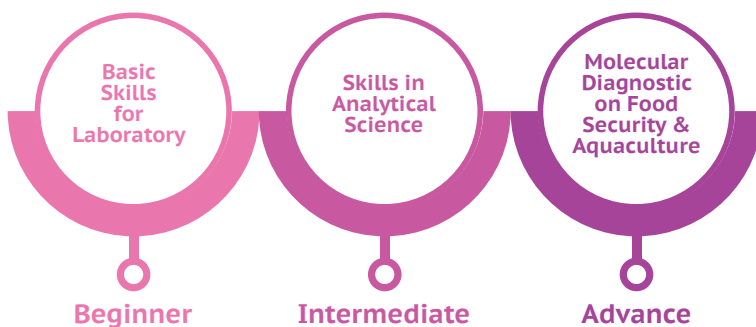


LABORATORY SKILL AND MANAGEMENT PROGRAM

Laboratory Skill and Management Program (LSMP) is a professional proficiency program designed for biosciences talent especially lab trainee of analytical biology and analytical chemistry, laboratory technician, supervisor and manager as well as QA/QC officers.

Laboratory Skill and Management Program (LSMP) is aimed to produce skilled and professional bioscience talent that equipped with both scientific and management skills in all laboratories and manufacturing practice. The module provides practical experience in analytical analysis and laboratory accreditation requirement that are increasingly demanded by current employers in commercial laboratories and manufacturing industries.

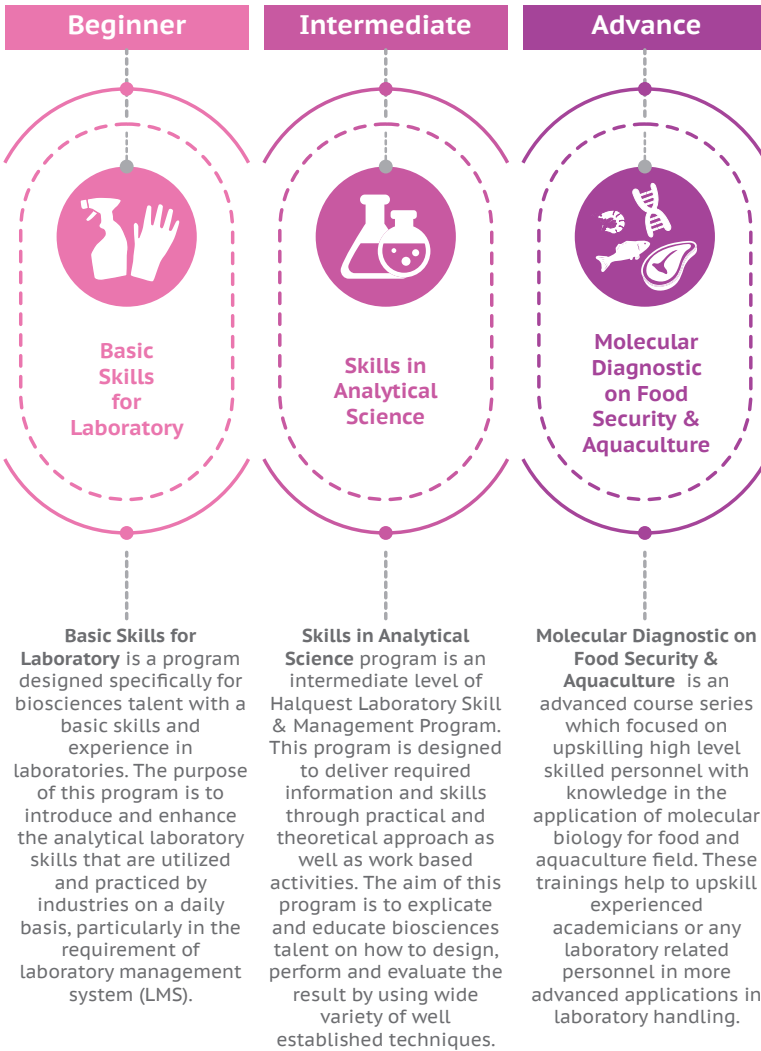
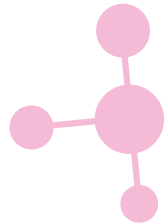
Laboratory Skill and Management Program (LSMP) from Halquest comprises 3 sub programs that are divided into beginner level, intermediate level and advance level.



Laboratory Skill and Management Program (LSMP) will help you to explore in detail on analytical measurement uncertainty, analytical method validation and laboratory quality systems, supported by a range of advanced topics in biology, chemistry and biotechnology. You will learn about scientific concepts and procedures as well as develop management skills related to personnel and operations. You will also fully understand and learn to critically evaluate the current state of worldwide standardization and comparability of analytical results. In addition, you will be having opportunities to conduct research, develop and validate new techniques and methods of analysis and eventually become skilled to apply both theoretical and practical techniques as a set of advanced analytical techniques to real life analytical problems.



PROGRAMME THAT WE OFFER



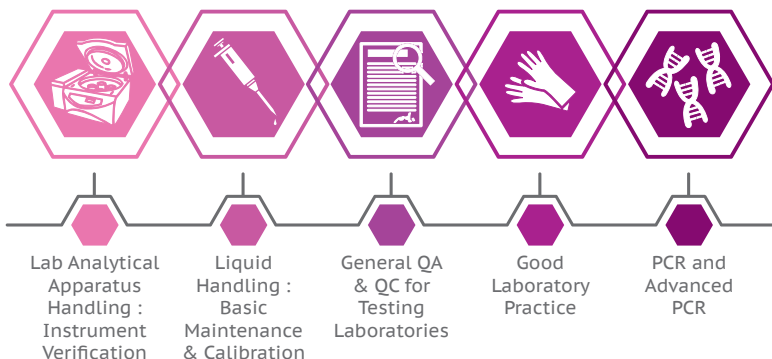
BASIC SKILLS FOR LABORATORY

Basic Skills for Laboratory is a program designed specifically for biosciences talent with a basic skills and experience in laboratories. The purpose of this program is to introduce and enhance the basic laboratory skills that researchers and scientists utilize on a daily basis.

This program consists of lists of courses that will train the individual on some of the basic skills for laboratory. Some of the courses that being emphasize are Good Laboratory Practice (GLP), Understanding ISO 17025, Liquid Handling and many more. Each session shall be conducted through lectures, hands-on practical workshop in laboratory, case study, discussions and assessment. In-house program is also available.

Basic Skills for Laboratory covers the scopes of reinforcement on the basic laboratory skills for students, employers and employees in commercial laboratories and manufacturing industries.

- Lab Analytical Apparatus Handling : Instrument Verification
- Liquid Handling : Basic Maintenance & Calibration
- General Quality Assurance & Quality Control for Testing Laboratories
- Good Laboratory Practice
- PCR and Advanced PCR

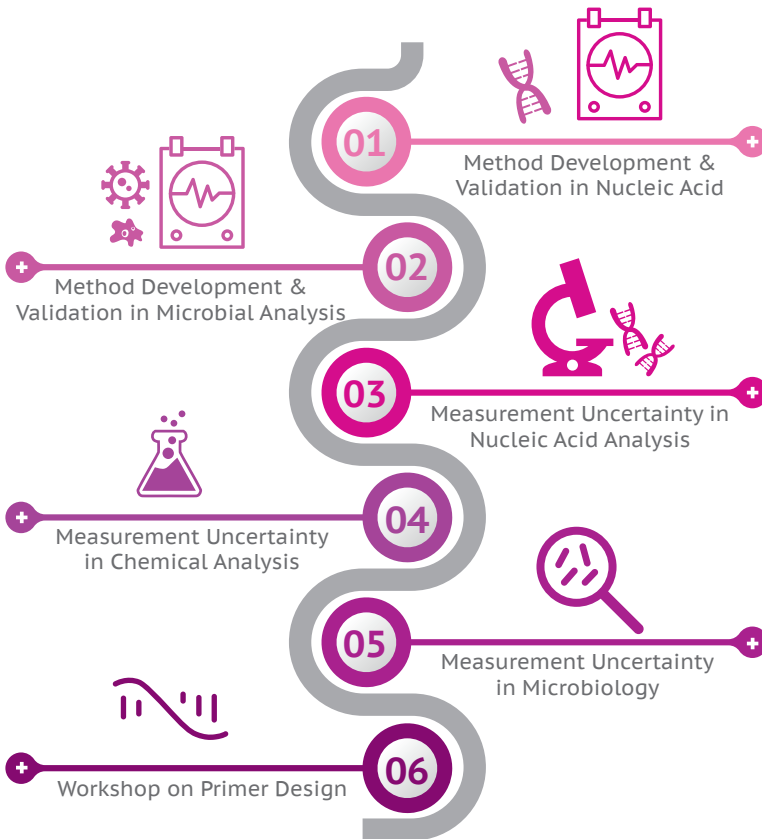


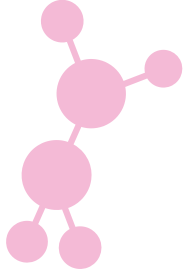
SKILLS IN ANALYTICAL SCIENCE

Skills in Analytical Science program is an intermediate level course under Halquest Laboratory Skill & Management Program. This program is designed to deliver required information and skills through practical and theoretical approach as well as work based activities. The aim of this program is to explicate and educate biosciences talent on how to design, perform and evaluate the result by using wide variety of well established techniques.

This program consist of six (6) main areas which are:

- Method Development and Validation in Nucleic Acid
- Method Development and Validation in Microbial Analysis
- Measurement Uncertainty in Nucleic Acid Analysis
- Measurement Uncertainty in Chemical Analysis
- Measurement Uncertainty in Microbiology
- Workshop on Primer Design.





MOLECULAR DIAGNOSTIC ON FOOD SECURITY & AQUACULTURE

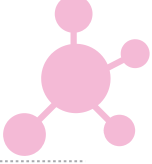
Molecular Diagnostic on Food Security & Aquaculture is an advanced course series which focused on upskilling high level skilled personnel with knowledge in the application of molecular biology for food and aquaculture field. These training helps to upskill experienced academicians or any laboratory related personnel in more advanced applications in laboratory handling.

These courses emphasize on extensive and advanced laboratory techniques in molecular biology with highlights on molecular diagnostics, including DNA replication, transcription, gene expression and regulation, recombinant DNA and RNA techniques. These courses are categorized into 4 main trainings which are:

- Food Authentication: Allergen and GMO Screening
- Aquaculture Diagnostic: Shrimp Disease
- Herbal Fingerprinting
- Identification of Meat Speciation Through Polymerase Chain Reaction



NOTE



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