

# REGISTRATION FORM

# GENERAL INFORMATION

I wish to attend the “Quarrying Planning & Design 2025” from 5 - 8 August 2025.

Name: .....

I/C No: .....

Date of Birth: .....

IQM Membership No (if any): .....

Company Name: .....

Address: .....

.....

.....

Position Held: .....

Telephone: ..... Fax: .....

Email: .....

Enclosed is RM..... payable to

“Institute of Quarrying Malaysia Bhd”

**Online transaction can be made to:**  
**A/C No: 014187 208342 Maybank**  
(kindly email bank transaction advise)

For further information contact:  
**INSTITUTE OF QUARRYING MALAYSIA BHD**  
No. 23, Jalan Utama 1/7,  
Taman Perindustrian Puchong Utama (Puchong Perdana),  
Seksyen 1, 47100 Puchong, Selangor DE, Malaysia.  
Tel: 03-8062 4194/5 Fax: 03-8061 8258  
Website: www.iqm.com.my Email: admin@iqm.com.my

Date: .....  
Signature & Chop

(Please photocopy the Registration Form if required)

## A. Registration Fee

Member	: RM 1900.00	RM 1700.00
Non-Member	: RM 2150.00	RM 1950.00
Government Officers	: RM 1900.00	RM 1700.00

**Early Bird**  
(before 25 Jul 2025)

## HRD CORP CLAIMABLE COURSE

Fee inclusive of course materials, morning and afternoon tea, and lunch.

### Group discount

A discount of five percent (5%) on the registration fee will be given to a group of 2 or more participants for the course.

## B. Course Size

Participation is limited to not more than 30 persons and will be based on first-come first-served basis.

## C. Accommodation

You may arrange your accommodation with the following hotels:

1) Sri Puchong Hotel	03-80623373
2) Green Hotel	03-80686666
3) Four Points By Sheraton Puchong	03-58918888
4) Hilton Garden Inn Puchong	03-80841299

## D. Cancellation

A deduction of 50% of the Registration Fee will be made being handling charges for cancellation after confirmation by phone or email. No refund shall be made for cancellation after the closing date of the course. A substitute is accepted.

## E. Examination

Participants will be required to sit for a 2 hour written examination upon completion of the course.

Exam Date: 8 August 2025 Time: 11.00am - 1.00pm

## F. Closing Date

The closing date for registration is 25 July 2025.

NOTE: Cheque enclosed with the Registration Form does not necessarily mean that you have been automatically accepted until official confirmation by the Institute of Quarrying Malaysia Bhd.

# IQM Continuous Professional Development Programme

## HRD CORP CLAIMABLE COURSE



**Course Date: 5 - 8 August 2025**  
**Exam Date: 8 August 2025**

Organised by:



Supported by:



DEPARTMENT OF MINERALS &  
GEOSCIENCE MALAYSIA

to be held at

**INSTITUTE OF QUARRYING MALAYSIA BHD**  
23, Jalan Utama 1/7, Taman Perindustrian Puchong Utama  
(Puchong Perdana), Seksyen 1, 47100 Puchong, Selangor DE, Malaysia.

INTERNATIONAL AFFILIATIONS:



## INTRODUCTION

With the aim for increased competency of the quarrying industry towards world class status; The Institute of Quarrying Malaysia (IQM) and the Academy of Quarrying (AOQ) have taken the pro-active initiative to design and organise this Certified Course on 'Quarry Planning and Design (QPD)'. This QPD Course, an important component of the Quarry Manager Practicing Certificate (QMPC), is specially developed for the benefit of the quarry operators, Quarry management personnel and Government officers who would like to gain advanced in-depth knowledge in this specialised field of 'Quarry Planning and Design'.

The objective of Quarrying Planning and Design is to enable the systematic and economic mineral development of the quarry products under the existing economic conditions at optimum costs; whilst complying to the corresponding regulatory, environmental and occupational safety standards expected of the relevant authorities and the local community. The planning and design process related to quarry operations involves factors such as identification of expected outcomes, planning and design expectations complemented by the identification of planning and design limitations to obtain a favourable outcome in mineral production and sustainable quarrying. Some of the key components of this intensive course includes rock characterisation', 'geotechnical constraints', 'efficient design of quarry slopes', 'design of on-site quarry haul roads', 'quarry overburden management' and 'environmental and occupational safety concerns and solutions'.

These distinctive series of Specialisation Courses specifically developed by The Institute of Quarrying Malaysia (IQM) - Academy of Quarrying (AOQ) aims to promote and foster the further development of competency and professionalism of all industry stakeholders in the quarrying industry towards increased world class technical knowledge on the latest trends of technology progress and practices worldwide.

## TRAINING METHODOLOGY

Certified Course Training Methods include the combination of:

- Technical Lectures and Visual Presentations
- Group Discussions
- Industrial Videos
- Technical Visit to quarry

## WHO SHOULD ATTEND

As an important certified component of the Quarry Manager Practicing Certificate (QMPC), this specialisation course is tailored to meet the needs of Quarry Owners, Quarry Management and Administrators, Government Officers, Consultants, Engineers, Supervisors and other Industry Personnel who wish to gain further certified knowledge on 'Effective Quarry Planning and Design' practices all aimed towards increased economic, environmental and occupational safety standards for further efficient systematic Sustainable Quarrying.

## COURSE CONTENTS

*Module 1: Industry 4.0 Awareness in Quarry Planning and Design*

*Module 2: Holistic Principles of Quarry Planning*

*Module 3: Rock Characterisation/Geotechnical*

*Constraints in Quarry Planning and Design*

*Module 4: Efficient Design of Quarry Slopes*

*Module 5: Design and Construction of On-site Quarry Haul Roads*

*Module 6: Effective Management of Quarry Overburden Material*

*Module 7: Occupational Safety concerns and solutions*

*Module 8: Systematic Quarry Planning Practices*

*Module 9 : Basic Load and Haul Practices*

*Module 10 : Smart Drone Management for Quarry Excellence*

## BIODATA OF SPEAKERS

### ASSOC PROF IR DR SYED FUAD BIN SAIYID HASHIM

He is currently an Associate Professor in Mineral Resources Engineering Division of the School of Materials and Mineral Resources Engineering, Universiti Sains Malaysia (SUM) Engineering Campus. He obtained his bachelor and masters degree from USM in 1996 and 1999 respectively followed by PhD from University of Queensland, Australia in mineral engineering in 2004.

During his service with USM, Ir Dr Syed had hold important administrative role ie Dean (2019-2021), Deputy Dean (Academic) (2013-2015) and Programme Chairman (2007-2012). Ir Dr Syed is a registred Profesional Engineer with Practising Certificate (PEPC) with Board of Engineers Malaysia (BEM), members of reputable organizations such as Institute of Mineral Engineering Malaysia (IME), Society of Mining Processors (SOMP) and many others. He has been involved in mineral engineering teaching and R&D for almost more 18 years. His area include Mineral Processing, Mineral Resources Engineering, Mining, Resource Recycling, Modelling and Simulation (Mineral Processing Systems).

## BIODATA OF SPEAKERS

### MAJOR ASSOC PROF IR TS DR MOHD HAZIZAN BIN MOHD HASHIM

He is an Associate Professor at the School of Materials and Mineral Resources Engineering, Universiti Sains Malaysia (USM) since December 2011. He received his BEng. (Hons.) in Mineral Resources Engineering in 2002 followed by MSc. in Mineral Resources Engineering (Geotechnical Engineering) in 2005 from Universiti Sains Malaysia.

In late 2007, he furthered his studies under the Academic Staff Training Scheme (ASTS) in School of Mining Engineering, University of New South Wales, Australia. He was conferred for the award of Doctor Philosophy in Mining (Geomechanics) in December 2011. His current research interests include geotechnical and geomechanical, mining and quarrying, blasting technology, environmental and mineral processing. He is also a certified trainer of Human Resource Development Corp (HRDC), Ministry of Human Resources.

### DATO' PROFESSOR IR. TS. DR. ERIC GOH

Dato' Professor Ir. Ts. Dr. Eric Goh, an accredited HRDF Certified Technical Course Trainer (German-Malaysian Institute) and attached to Universiti Sains Malaysia; is acknowledged with over 38 years extensive international and national academic, research and industrial work experience. He is USM's Head of Quality and Accreditation, State Review Board, Honorary Executive Director (Academy of Quarrying) and special invitations to various high-impact Editorial Boards/Advisory Committees. Highlights of his other contributions include Mineral Development project proposals to the Government and co-development of Standard Operating Procedures (SOP) for Bauxite Mining. Dato' Eric Goh is a prolific author of over 200 technical publications which includes 12 technology/engineering reference books. In recognition of his expertise; Prof. Eric Goh was nominated to 'Fellowship (FASc)' of the prestigious Academy of Sciences Malaysia (ASM), conferred the 'Dato'ship Award', recipient of the esteemed Institute of Quarrying (UK)'s 'International Citation Award', 'ASEAN Federation of Engineering Organisations (AFEO)'s 'Honorary Membership Award', 'Distinguished Engineer Award', 'Staff Quality Award - Best Lecturer (Teaching Category)', 'Institute of Quarrying Malaysia's Award of Excellence', 'Distinguished Individual Award (International Category)', the 'Outstanding Technologist Lifetime Achievement Award' and 3 times awarded the inspiring 'Excellent Service Award (APC)'. In 2018, he was selected for the Albert Nelson Marquis Lifetime Achievement Award (USA).