



PROPOSAL PAPER

Technical Seminar 2025

TOPIC	Construction Work Design Management
DATE	22 nd – 23 rd April 2024
TIME	9.00am– 5.30pm
LOCATION	Mega Jati Academy Training Centre, Subang Bestari, Selangor

1.0 COURSE DESCRIPTION:

Effective construction work design management is crucial for ensuring safety, efficiency, and compliance in any project. This two-day training aims to provide participants with a comprehensive understanding of how to integrate risk management principles into the design phase of construction projects.

Construction projects involve multiple stakeholders, from designers and engineers to contractors and site managers. Without a well-structured approach to design management, risks such as structural failures, safety hazards, and project delays can arise. This training will cover essential topics, including the principles of design risk management, legal and regulatory requirements, hazard identification, and best practices for collaboration between designers and construction teams.

By attending this session, participants will gain insights into how to assess design-related risks, implement control measures, and improve overall project outcomes. The training will also highlight case studies and practical applications to enhance learning.

Whether you are involved in project planning, design, or construction execution, this training will equip you with the necessary knowledge to enhance safety and efficiency in your projects.

2.0 LEARNING OBJECTIVES:

By the end of this training, participants will be able to:

- Understand the Fundamentals of Construction Work Design Management
- Recognize Legal and Regulatory Requirements
- Identify and Assess Design-Related Risks
- Enhance Collaboration Between Designers and Construction Teams
- Apply Risk Control Measures in Construction Work Design
- Improve Project Efficiency and Safety Outcomes

3.0 COURSE SCHEDULE:

Day 1: 22nd April 2025

Time	Session	Topics
8:30 AM – 09:00 AM	Registration & Welcome Remarks	Introduction to the training objectives and agenda
09:00 AM – 10:30 AM	Session 1: Legal Requirements in the Construction Industry	<ul style="list-style-type: none"> - OSHA (Amendment) 2022: Key updates and industry implications - Introduction to Construction Work (Design and Management) Regulations 2024 (CDM 2024) - Main requirements and compliance obligations
10:30 AM – 10:45 AM	Morning Break	Refreshments
10:45 AM – 12:30 PM	Session 2: Risk Management in the Construction Project Lifecycle	<ul style="list-style-type: none"> - Importance of CDM in construction safety and efficiency - Risk management across the project lifecycle - Good Practice Principles (GPP) in risk mitigation
12:30 PM – 1:30 PM	Lunch Break	
1:30 PM – 3:30 PM	Session 3: Introduction to Design Risk Assessment (DRA)	<ul style="list-style-type: none"> - Fundamentals of design risk assessment - Key considerations in identifying and managing design-related risks
3:30 PM – 3:45 PM	Afternoon Break	Refreshments
3:45 PM – 05:00 PM	Workshop 1: Practical Application of Risk Assessment	<ul style="list-style-type: none"> - Group exercise on hazard identification and risk mitigation in construction design

Day 2: 23rd April 2025

Time	Session	Topic
8:30 AM – 9:00 AM	Recap & Q&A	Summary of Day 1 and discussion on key takeaways
9:00 AM – 10:30 AM	Session 4: Design Risk Assessment (DRA) – Concept Stage	<ul style="list-style-type: none"> - DRA 1: Concept Design Risk Assessment - Case studies and practical applications
10:30 AM – 10:45 AM	Morning Break	Refreshments
10:45 AM – 12:30 PM	Session 5: Design Risk Assessment (DRA) – Detailed Design Stage	<ul style="list-style-type: none"> - DRA 2: Detailed Design Risk Assessment - Implementing risk controls before project execution
12:30 PM – 1:30 PM	Lunch Break	-
1:30 PM – 3:30 PM	Session 6: Design Risk Assessment (DRA) – Construction Phase	<ul style="list-style-type: none"> - DRA 3: Construction Phase Plan Risk Assessment - Managing design risks during site execution
3:30 PM – 3:45 PM	Afternoon Break	Refreshments
3:45 PM – 4:30 PM	Workshop 2: Case Study & Group Discussion	<ul style="list-style-type: none"> - Real-world examples of design risk management - Group presentations and feedback
4:30 PM – 5:00 PM	Conclusion & Final Q&A	<ul style="list-style-type: none"> - Summary of key learnings - Open discussion and participant feedback - Closing remarks

**Above Tentative Is Subjected to Change*

4.0 PROGRAM FEE

The published fees for this program are as follows:

NO	DETAIL	FEE
1	Construction Work Design Management	RM 888/pax

The fee proposed is inclusive all for Mega Jati Academy's expenses **exclude 8% service tax** and **100% HRDC Claimable**

5.0 PAYMENT METHOD

BANK ISLAM Bank Islam Malaysia Berhad

Bank Transfer/Cheque
1427-401000-7241

Mega Jati Academy Sdn. Bhd.

HRDC Claimable

1240301V

Mega Jati Academy Sdn. Bhd.

e-Perolehan

Vendor e-Perolehan number
eP-100810BK3

Mega Jati Academy Sdn. Bhd.

CHIP Online Payment Gateway

Credit/Debit Card:
www.payment.megajatiacademy.com

Mega Jati Academy Sdn. Bhd.

6.0 SAMPLE OF CERTIFICATE

SAMPLE

Certificate of
ATTENDANCE

This certificate is proudly presented to

NUR ZAHAFARINA BINTI MOHD ZAKI
931211-07-5778

For Attending the Program

CONSTRUCTION WORK DESIGN MANAGEMENT

Date: 15th- 16th January 2025

www.megajatiacademy.com

Organized by:
MEGA JATI ACADEMY

Collaboration Partner:
CONSTRUCTION PERSONNEL MALAYSIA
www.construction.org.my

CPD/CDP Awarded by:
MBOT
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CPD
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7.0 TRAINER PROFILE



Ts. Ananthan A/L V Bachu is currently an HRDC-approved trainer specializing in Facilities, Traffic Safety Management, Construction and Project Management, Contracts Administration, Construction Safety, Building Maintenance, and various civil engineering disciplines. He received his primary and secondary education in Negeri Sembilan before furthering his studies at Heriot-Watt University, where he obtained a B.Sc. Degree in Construction Management. Additionally, he holds a Diploma in Civil Engineering and an Advanced Diploma in Business Administration.

With extensive experience in the construction industry, Ananthan has developed strong expertise in on-site construction supervision and project execution. He has an innate ability to lead diverse teams, including suppliers, subcontractors, and construction workers, ensuring that projects are completed efficiently and in compliance with industry standards. His comprehensive knowledge allows him to effectively manage different aspects of construction, from planning and budgeting to execution and maintenance. His areas of specialization cover a broad spectrum of construction and engineering disciplines. He has in-depth knowledge of roadworks, civil and building works techniques, as well as building construction and maintenance. His expertise in implementing traffic management services on-site ensures smooth and safe operations in construction zones. Additionally, he is proficient in project budgeting and cost control, helping organizations optimize their financial resources while maintaining quality and compliance. His experience in contracts and project management allows him to handle procurement, tendering processes, and contractual obligations effectively.

Ananthan also specializes in road rehabilitation and maintenance works, with a focus on recycling methods to enhance sustainability and cost-effectiveness. His knowledge extends to drainage works and retaining walls, ensuring proper water management and structural integrity in various construction projects. He is also skilled in site supervision, overseeing daily operations to maintain safety and productivity. Beyond construction-related expertise, he is an advocate for effective facilities management, ensuring that buildings and infrastructure remain functional, safe, and cost-efficient throughout their lifecycle. His proficiency in technical reporting enables him to document and communicate key project insights, findings, and recommendations clearly.

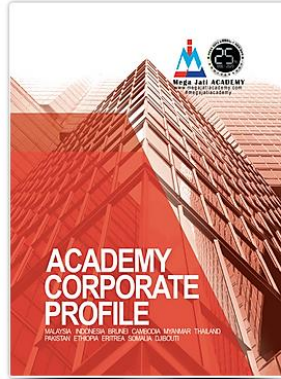
8.0 MEGA JATI ACADEMY

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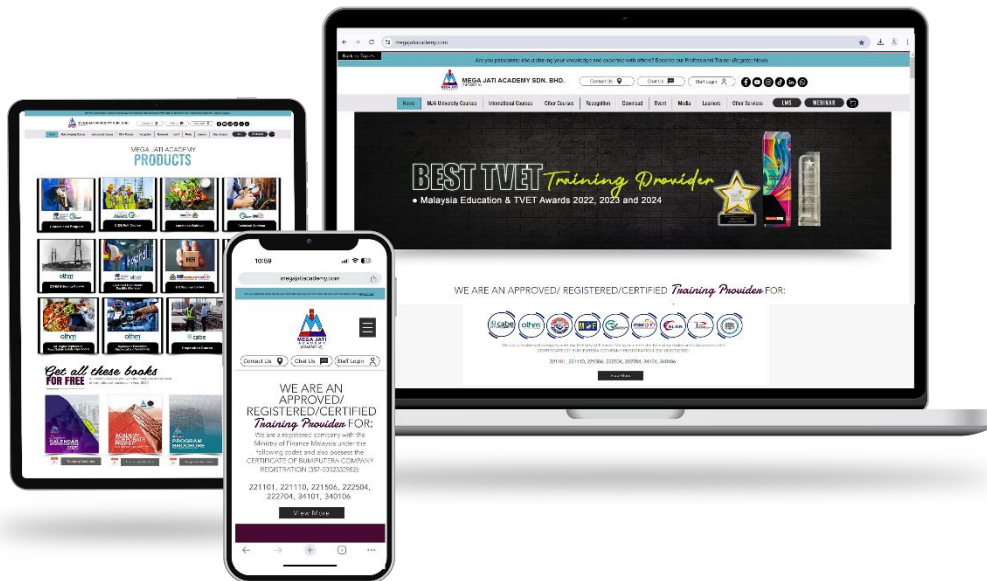
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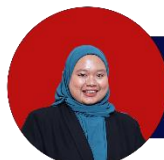


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