



By:  
MBizM Group & Actzel Consulting Australia

# MASTER BLACK BELT DEVELOPMENT PROGRAM

## WHAT IS A MASTER BLACK BELT (MBB)?

Identifying, supporting and delivering the organisation's goals to realise its vision is the strategy that many organisations struggle to achieve. The Master Black Belt's role is to work with the leadership team and make the vision a reality, through the delivery of business improvement.

An MBB, besides being knowledgeable in the tools and techniques of Six Sigma and being able to conduct Six Sigma projects, is also a coach, facilitator, mentor, program leader, and change agent. An MBB liaises between the sponsor, executive and improvement champions managing multiple projects to set objectives, targets, and to achieve lasting results.

### DURATION

6 Days  
(9am-5pm)

**RM12,319  
PER PERSON**

(inclusive of SST)

What Skill Elements  
Make A World Class  
Master Black Belt?

- ✓ Leadership - Ability to achieve through others
- ✓ Project Management - Plan it, then deliver it
- ✓ Technical - Advanced Lean Six Sigma Techniques



Master Black Belt program focuses on how these skills can be targeted and improved upon. The program which was exclusively delivered in-house for its global clients, is now being offered in Asia to a wider audience, due to repeated requests.

The MBB program has **3 stages**:

1. Pass the pre-requisites - are you ready to be a MBB?
2. Complete the MBB course and pass the class exam
3. Complete the individual development plan that extends beyond the classroom

MBB Ready - Each candidate will be assessed for inclusion in this program which will bring the Master Black Belt Certification standard that GE, J&J, Pfizer, Schneider and many others have trusted as the first reference.

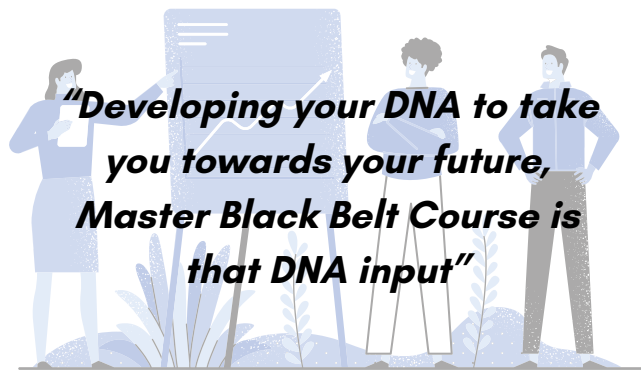


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## PRE-REQUISITES

1. Participants must be Black Belt Certified
2. At least 3 years conducting improvement projects
3. Has applied DMAIC methodology on a real improvement project



## OUTCOMES

1. Can develop strategy, objectives and set goals for the organisation
2. Able to manage change smoothly for sustained results
3. Can communicate and engage effectively with all levels of an organisation
4. Able to foster teamwork within the organisation and delegate effectively
5. Able to effectively manage a team of improvement champions
6. Can coach, facilitate and mentor a team of champions to achieve results

## TOPICS COVERED

### 1. Leadership (3 Days)



### 2. Project Management (1 Day)



### 3. Technical: Advanced Lean Six Sigma Techniques (2 Days)

- Leadership & Management
- Leadership Styles
- Lean Leadership, Behaviours & Values
- Change Management Planning & Execution
- Fostering an Organisational Culture conducive to change
- Effective Time Management
- Effective Communication & Feedback
- Fostering Teamwork & Effective Delegation
- Engaging the Team
- Coaching & Facilitation Skills

- Governance, Roles & Responsibilities
- Project Objectives, Goals & Scope
- Project Charter – Resources, KPI, ROI
- Multi Generation Project Planning (MGPP)
- Contingency Planning
- Work Breakdown Structure & Earned Value Analysis (EVA)
- Preparing Gantt Charts
- Risk Management
- Monitoring Progress
- Managing Performance
- Closing the Project

- Hoshin Kanri Strategy Deployment
- How to succeed in Lean Six Sigma
- A3 DMAIC Reports
- Process & Value Stream Mapping
- Creative Problem Solving
- Gemba, Visual Boards & Meetings
- Implementing Enduring Kaizen
- Introduction to DFSS



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## LEAN SIX SIGMA EXPERT & DESIGNATED CONSULTANT



**Mr. Gurbachan Singh**  
**Managing Director**  
**ACTZEL Consulting**  
**Melbourne, Australia.**

Gurbachan Singh is a well-rounded professional. He has over 32 years of exposure to a broad range of manufacturing industry and management consulting; over 20 years in executive management and more than 10 years in management consulting; Business Process Diagnostics, Supplier Development, Quality, Lean Six Sigma, Industrial Engineering, Project Management, Plant-wide Cost Optimisation, Leadership & Performance development.

He has a Bachelor Degree in Engineering, Post-graduate Diploma in Manufacturing Engineering, Lean Six Sigma Master Black Belt and PRINCE2 foundation certification. His industry operations background spans many different sectors that include high technology precision electronics (Hitachi Semiconductor), heavy industry (Air Radiators), truck manufacture (Iveco), automotive components (DMG-Venture), white goods (Olympic Group), and pharmaceuticals (CSL).

In consulting he has been an operations advisor, program developer, facilitator and project manager with various organizations such as PAC Project Advisors, Australia, ACTZEL Consulting, Australia, Penang Skills Development Centre (PSDC) and ARGI Institute of Manufacturing, Penang. He has travelled extensively to conduct projects in Australia, USA, Malaysia, India, Thailand, Hong Kong, Japan, Egypt and the UAE.



***"In every company there is a requirement to develop the talent to lead change, Master Black Belt Course is that development."***