



First Select

Six Sigma Green Belt Program

Date	Venues	(\$)Fees	Book your seat
07 Dec -11 Dec 2025	Kuala Lumpur	3300	Register Now

Course objectives:

Green Belt who are groomed in the Six Sigma methodology help deploy in the Six Sigma approaches & techniques throughout our organization . They serve as candidates on the improvement teams formed to tackle improvement areas .

They are employees at all levels & functions of your organization who are committed to business improvement using Six Sigma methodology.

Who should attend?

All employees who wish to develop their potential

Course Outline:

Six Sigma overview & How to Deploy:

- What is Six Sigma ?
- Six Sigma application .
- DPMW & Six Sigma Level .
- 3 Six Sigma vs. 6 Sigma process.
- Hidden factory .
- Six Sigma vs. TQM.
- Historical view of Six Sigma.
- Explain the master Back Belt (MBB), Black Belt (BB) Green Belt (GB) & Orange Belt (OB), roles in Six Sigma.
- DMAIC overview .

Define Phase:

- Describe the purpose of the define phase & it's Key deliverables : CTQ, team charter & process map .
- Define & scope project
- Project characteristics / project charter
- Use WBS / Pareto diagram
- Determine critical path using Activity network diagram .
- Use Affinity group to Generate & categorize ideas .
- Select important ideas using prioritization matrix .

Measure Phase:

- Measure process baseline .
- Tools to define process as flow charts process map & SIPOC .
- Use different metrics to evaluate process.
- Formulate a model for your project .
- Differentiate between special & common Course of variation .

Analyze Phase:

- Analyze value stream map .
- Analyze source of variation .
- Determine process drivers.
- Increase velocity of a process .

Improve:

- Estimate cost savings associated with proposed solutions.
- Compare proposed solutions against performance criteria .
- Financial analysis , Pareto diagram, prioritization matrix & FEMA .
- Evaluate best in class / Benchmarking .

Control Phase:

- Minimize impact of external source of variation .
- Measure realized bottom – line impact .

WORKSHOP STYLE:

A mixture of short presentations, interactive discussion, individual exercises and group work. The emphasis throughout is on a practical approach using case material and examples.



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