

SKIL LEAN SIX SIGMA TRAINING PROGRAMS

LEAN SIX SIGMA BLACK BELT PROGRAM

Do you aspire to be ahead in the race for leadership position in your company or function? If yes then, do you have the needed skill sets to get noticed, appraised and selected?

Our LSSBB program is designed to impart following skills essential to become a leader:

- Analytical intelligence
- Data based decision making
- Ability to simplify
- Ability to identify and solve problems
- Result oriented approach
- Ability to coach and lead others

WHO SHOULD ATTEND

“Those who are aspiring to become visionary leaders of tomorrow”

Professionals holding management positions like Functional/Assistant Managers Location Heads, Factory Heads, Process owners and from (but not limited to) following functions:

- Quality Assurance and Control
- Operations / Production
- Process Excellence
- Business Excellence
- Operational Excellence
- Data Analytics / Business intelligence

PROGRAM TAKE-AWAYS

- SKIL LSSBB participant study material
- Cracking Six Sigma Black Belt Exam book – Autographed by the Author
- Free Excel tools and templates

DURATION

14 DAYS (Classroom)

COURSE HIGHLIGHTS

- Project Guidance: Each participant will get project guidance from the faculty on his/her improvement project. This support will be valid for one year from the date of program registration.
- Individualized attention during class room training session to help participant relate the topics to his/her own work area.
- Case studies and application examples are discussed throughout the program.

COURSE ELIGIBILITY

- A Graduate with four years of relevant industry experience.

CERTIFICATION CRITERIA

Candidates who fulfill following criteria are certified by SKIL as ‘Certified Lean Six Sigma Black Belt’

- At least 70% marks in Final Certification Exam given by SKIL.
- At least one successfully completed ‘Lean and/or Six Sigma’ project duly signed off by project sponsor, where the project was carried out.

WHY SKIL

- 10+ years of expertise in delivering quality training programs.
- Worked with over 22 industry segments.
- All trainers are consultants, who blend subject matter to participant’s work area.
- Trained over 10,000+ in areas of Project Management, Lean and Six Sigma
- Worked with small to large corporations.

“Teaching is too good, individual attention and scope for learning and understanding was good. It’s a great experience going through this course. This course has given me strength and courage to explore the Industry. Thank you sir.
- Participant speak

“ I am feeling great that I have a direction now, which I can accomplish. Thanks for your guidance and mentoring.
- Participant speak

COURSE COVERAGE

I. SIX SIGMA & LEAN – OVERVIEW AND PHILOSOPHY

1. Continuous improvement
2. Organizational Leadership
3. Process Management & Measures
4. Team Dynamics
5. Team development and motivation
6. Team Facilitation

II. SIX SIGMA APPROACH – DEFINE PHASE (DMAIC)

1. Segmentation & Voice of customers
2. Develop Project charter and Project execution plan

III. SIX SIGMA APPROACH – MEASURE PHASE (DMAIC)

1. Process Documentation
2. Collecting and Summarizing data
3. Measurement Analysis
4. Basic Statistical Analysis of Data

IV. SIX SIGMA APPROACH – ANALYZE PHASE (DMAIC)

1. Correlation
2. Regression
3. Multi-vari charts
4. Hypothesis testing
5. Analysis of Variance - ANOVA
6. Non Parametric tests
7. Failure modes and effect analysis (FMEA)
8. Tools for Analyzing root cause
9. Types of Wastes

V. SIX SIGMA APPROACH – IMPROVE PHASE (DMAIC)

1. Design of Experiments (DOE)
2. Elimination of waste
3. Implementing solutions

VI. LEAN SIX SIGMA APPROACH – CONTROL PHASE (DMAIC)

1. Statistical process control
2. Control Charts
3. Total Productive maintenance - TPM
4. Control plans

VII. DFSS – DESIGN FOR SIX SIGMA (an introduction)

**FOR ENQUIRIES /SALES /REGISTRATION
CONTACT**

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**FOR SIX SIGMA PROGRAM QUERIES
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