



**Symbiosis Institute of Business Management
Hyderabad**



**Symbiosis International Deemed University
Pune**



November 26 to 29, 2018

Lean Six Sigma (green belt) Certification Program

Conducted by *KPMG*

Trainer:- Mr. Sanket Deshpande

Introduction

Lean-six sigma certification training program was conducted for operations specialization students of Batch 2017-19 from 26th to 29th Nov.2018 as a value added program. At the end of the program students were given a test, all those who qualify the exam will be awarded Six Sigma Green Belt Certificate by KPMG.

Brief note on the Training

Students were trained by Mr. Sanket Deshpande, a domain expert from industry in the six sigma consultation. As the students had already went through the lean management and six sigma courses as part of their course work during II and III semesters, it was easy for them build upon their learnings from the practice perspective considering the real life field examples by the trainer. The training of based on the DMAIC approach. The first three days were dedicated for Define, measure, Analyse phases respectively and the fourth day was on Improve and the Control phase of Six Sigma.

Some of the tools and techniques which were practiced by the Students during the program are;

- Importance of Six Sigma
- Selection of six sigma project, preparation of project charter, team and scope etc.
- VOC, CTQs, SIPOC, VSM
- Types of data and its distribution, test of normality, data validation, process capability and drawing inference from the measure phase
- Ishikawa diagram, MSA, R & R gauge, Minitab usage
- The t-test, z-test, chi square, ANOVA, correlation and regression analysis
- SPC, Acceptance Sampling Plans
- 5Whys, 5-S , FMEA, TRIZ, poka-yoke, Kanban, Kaizen as improvement strategy
- Practical exposure in Minitab
- Students were given case-lets to understand the application of above tools and techniques.

Conclusion

On the last day of the training program students had an examination to assess the level of understanding of the concepts of Six Sigma. The students who pass the examination will be awarded 'Lean Six Sigma Green Belt certificate' from KPMG

Lean Six Sigma Green Belt certificate may add value to the students who would like to pursue their career in Quality Control, TQM, or Six Sigma consultation.



Group photo of students with trainer and the area chair operations



Dr. Mohammed Laeequddin, SIBM operations area chair and Mr. Sanket Deshpande, KPMG

Dr. Mohammed Laeequddin

Area Chair - Operations

Dr. K P Venugopala Rao

Dy. Director

Dr. Ravi Kumar Jain

Director

SIBM - Hyderabad