



# MADRAS SCHOOL OF SOCIAL WORK

( An Autonomous Institution affiliated to the University of Madras )

Accredited by NAAC With "A" Grade

## Value Added Course Report (Sept – Oct 2016)

Subject Name: LEAN SIX SIGMA

Time: 9am – 5.30pm

S.NO	STUDENT NAME	DEPARTMENT	03-09-2016	17-09-2016	24-09-2016	08-10-2016
1	KASHIFA BEGUM	MASE	P	P	P	P
2	SOWMYA.R	MAHROD	P	P	P	P
3	ARAVIND SHANKAR	MAHROD	P	P	P	P
4	GAD.P.S	MAHROD	P	P	P	P
5	PRAKALPA.G	MAHROD	P	P	P	P
6	GAYATHRI.A	MAHROD	P	P	P	P
7	SUDAAS.K	MAHROD	P	P	P	P
8	NIVITHA	MAHROD	P	P	P	P
9	SUGANTH INFIN	MAHROD	P	P	P	P
10	ANGELINE JANIS	MAHROD	P	P	P	P
11	ANISHA SHERYN	MAHROD	P	P	P	P
12	KALAIVANI	MAHROD	P	P	P	P
13	ABINNAYA.D	MAHROD	P	P	P	P
14	SABARISH BABU	MAHROD	P	P	P	P
15	SARA.K.PHILIP	MAHROD	P	P	P	P
16	SHANTHI MARTIN	MAHROD	P	P	P	P
17	SPANDHANA	MAHROD	P	P	P	P
18	SRUTHY.G	MAHROD	P	P	P	P
19	VAISHNAVI	MAHROD	P	P	P	P
20	SRINIVASAN	MAHROD	P	P	P	P
21	PRIYANKA.S	MSW SF	P	P	P	P
22	VIGNESH SABARIKIRAN	MSW SF	P	P	P	P
23	VINOTH.R	MSW SF	P	P	P	P
24	KIRAN.M	MSW SF	P	P	P	P
25	SANJEEV KUMAR.S.M	MSW SF	P	P	P	P
26	AMITKUMAR MISHRA	MA HRM	P	P	P	P
27	SHRADHA	MA HRM	P	P	P	P
28	AHAMED NIZHAR	MSW A	P	P	P	P
29	KANEESHA.TM	MSW A	P	P	P	P

(PROF. SIVA RANJANI)

HEAD OF DEPARTMENT

MA. HROD



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**PG DEPARTMENT OF HR & OD**

## CERTIFICATE OF COMPLETION

This is to certify that

Sabarish Babu

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has successfully completed the value added course on  
"Lean Six Sigma" in the month of October 2016.

*S. Sivaranjani*

Ms. Sivaranjani  
(Head Of The Department)

*S. Raja Samuel*

Dr. Raja Samuel  
(Principal)

## SIX SIGMA

Six Sigma skills are widely sought by employers both nationally and internationally. These skills have been proven to help improve business processes, performance, and quality assurance.

### **Course Outcomes :**

1. To Communicate using Lean Six Sigma Concepts and relate six sigma concepts to business objectives.

2. To use the D-M-I-A-C model to improve the process.

3. To document the process changes and use a control plan to prevent backsliding.

### **Syllabus:**

**Module 1- Six Sigma Fundamentals** :Understanding Lean Philosophy – History of lean - Integration of Lean and Six sigma

**Module 2- Define Phase** - Project Identification and Project Management basics

**Module 3-Measure Phase**-Basic Statistics- Data collection and Measurement System Analysis

**Module 4-Analyse Phase** – Process Analysis Tools – Data Analysis tools.

**Module 5- Improve and Control Phase**-Lean Tools – Control Tools and Documentation



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## PG DEPARTMENT OF HUMAN RESOURCE & Organization Development

**SIX SIGMA- Value added course**  
**Suresh kumar R & Ganesh T**

### LEARNING OBJECTIVES :

- TO. COMMUNICATE USING LEAN SIX SIGMA CONCEPTS AND RELATE SIX SIGMA CONCEPTS TO BUSINESS OBJECTIVES.
- TO USE THE DM – I –A- C MODEL TO IMPROVE THE PROCESS.
- TO DOCUMENT THE PROCESS CHANGES AND USE A CONTROL PLAN TO PREVENT BACKSLIDING

### SYLLABUS:

- MODULE 1 - SIX SIGMA FUNDAMENTALS: UNDERSTANDING LEAN PHILOSOPHY – HISTORY OF LEAN -INTEGRATION OF LEAN AND SIX SIGMA
- MODULE 2 -DEFINE PHASE - PROJECT IDENTIFICATION AND PROJECT MANAGEMENT BASICS
- MODULE 3 -MEASURE PHASE-BASIC STATISTICS- DATA COLLECTION AND MEASUREMENT SYSTEM ANALYSIS
- MODULE 4 - ANALYZE PHASE – PROCESS ANALYSIS TOOLS – DATA ANALYSIS TOOLS.
- MODULE 5- IMPROVE AND CONTROL PHASE-LEANTOOLS – CONTROL TOOLS AND DOCUMENTATION

## For Registration

- Students can register for the course through the iboss portal of the college website
- The course will be conducted every Saturday online
- Duration: September 2016 - October 2016



[mssw.ibossems.com](http://mssw.ibossems.com)