



# MADRAS SCHOOL OF SOCIAL WORK

( An Autonomous Institution affiliated to the University of Madras )

Accredited by NAAC With "A" Grade

## PG DEPARTMENT OF HUMAN RESOURCE & Organization Development

**SIX SIGMA- Value added course**  
**Suresh kumar & Dasarathi Bhakhavathalam**

### 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: August 2018 - September 2018



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

## 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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## Value Added Course Report (Aug – Sept 2018)

Subject Name: LEAN SIX SIGMA

Time: 9am – 5.30pm

S.NO	STUDENT NAME	DEPARTMENT	04-08-2018	18-08-2018	01-09-2018
1	ACHSA FILLIS BABY	MSW SF	P	P	P
2	ALVIN	MDM	P	P	P
3	MEERA MENON	MSW SF	P	P	P
4	VARSHA.N	MDM	P	P	P
5	CHARLES STEPHEN SHELLITO.C	MDM	P	P	P
6	JONES JEBARAJ	MDM	P	P	P
7	KRISHNASHREE	MDM	P	P	P
8	RASI KK	MHRM	P	P	P
9	NITHYA H S	MHRM	P	P	P
10	AISWARYA K	MHRM	P	P	P
11	DEEPTHI MALLAYA	MHRM	P	P	P
12	KOUSALAYA	MHRM	P	P	P
13	NAMIA FERREEN	MHRM	P	P	P
14	SIRO LYDIA	MHRM	P	P	P
15	SOWBARANIKA	MHRM	P	P	P
16	RATHIKA	MHROD	P	P	P
17	JAYASHREE	MHROD	P	P	P
18	KRISHNA PRASAAD	MHROD	P	P	P
19	AJAY	MHROD	P	P	P
20	SAI KRISHNA	MHROD	P	P	P
21	KEERTHANA	MHROD	P	P	P
22	NIKITA	MHROD	P	P	P
23	ADEN	MHROD	P	P	P
24	SOWMYA	MHROD	P	P	P
25	NIVEDHA N	MHROD	P	P	P
26	CHANDRAKISHORE	MHROD	P	P	P
27	CHINMA K	MHROD	P	P	P
28	RAJESH	MHROD	P	P	P
29	SANJANA	MHROD	P	P	P
30	GOMATHI	MHROD	P	P	P
31	PRAKASHINI	MHROD	P	P	P
32	JOEL	MHROD	P	P	P
33	HARINI C N	MSW SF	P	P	P
34	RAJAM PRIYADHARSHINI A R	MSW SF	P	P	P
35	VISVANATHAN A	MSW SF	P	P	P
36	ALWIN POORANA IGNATIUS A	MSW SF	P	P	P
37	ANANTHI	MSW A	P	P	P
38	KANAGALAKSHMI	MSW A	P	P	P
39	MONICA A	MSW A	P	P	P
40	BALAJI S	MSW A	P	P	P
41	SATHYABHARATHI	MSW A	P	P	P

*S. Siva Ranjani*

(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

Acsha Ellisa Baby

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has successfully completed the value added course on  
"Lean Six Sigma" in the month of September 2018

Ms. Sivaranjani  
(Head Of The Department)

Dr. Raja Samuel  
(Principal)