



# 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  
- 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: July 2019 - August 2019



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



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Value Added Course Report (July– Aug 2019)

Subject Name: LEAN SIX SIGMA Time: 9am – 5.30pm

| S.NO | STUDENT NAME            | DEPARTMENT | 27.7.2019 | 10-08-2019 | 17-08-2019 | 24-08-2019 |
|------|-------------------------|------------|-----------|------------|------------|------------|
| 1    | MEGHA ELIZABETH ABRAHAM | MAHROD     | P         | P          | P          | P          |
| 2    | KEZIA                   | MAHROD     | P         | P          | P          | P          |
| 3    | AISHWARYA               | MAHROD     | P         | P          | P          | P          |
| 4    | SAHITYA                 | MAHROD     | P         | P          | P          | P          |
| 5    | VIGNESH E               | MAHROD     | P         | P          | P          | P          |
| 6    | VIJAY BARATH R          | MAHROD     | P         | P          | P          | P          |
| 7    | SWEDHA                  | MAHROD     | P         | P          | P          | P          |
| 8    | SHRIMATI ZEETA          | MAHROD     | P         | P          | P          | P          |
| 9    | NIVEDITA V              | MAHROD     | P         | P          | P          | P          |
| 10   | THILEPAN                | MAHROD     | P         | P          | P          | P          |
| 11   | CATHALENE MEGHNA        | MAHROD     | P         | P          | P          | P          |
| 12   | YAKSHITHA               | MAHROD     | P         | P          | P          | P          |
| 13   | JOY KENNY               | MAHROD     | P         | P          | P          | P          |
| 14   | HIFA RAMELA             | MAHROD     | P         | P          | P          | P          |
| 15   | NAVEEN KUMAR S          | MAHROD     | P         | P          | P          | P          |
| 16   | RHEA                    | MAHROD     | P         | P          | P          | P          |
| 17   | CHANDHINI               | MAHROD     | P         | P          | P          | P          |
| 18   | SHRI SHEMAA             | MAHROD     | P         | P          | P          | P          |
| 19   | SHARON                  | MAHROD     | P         | P          | P          | P          |
| 20   | EVERT MARTINA MARY S    | MSW SF     | P         | P          | P          | P          |
| 21   | MADHUMITHA R            | MSW SF     | P         | P          | P          | P          |
| 22   | NISHANTH D              | MSW SF     | P         | P          | P          | P          |
| 23   | TEENA BLESSY S          | MSW SF     | P         | P          | P          | P          |
| 24   | AHIL PRASANTH S         | MSW SF     | P         | P          | P          | P          |
| 25   | PRAVIN RAJ S            | MSW SF     | P         | P          | P          | P          |
| 26   | SHALINI                 | MSW SF     | P         | P          | P          | P          |
| 27   | BHUVANESHWARI K         | MSW SF     | P         | P          | P          | P          |
| 28   | NISHANTHI J             | MSW SF     | P         | P          | P          | P          |
| 29   | BHARAT K R              | MSW SF     | P         | P          | P          | P          |
| 30   | ARSANA PEARS            | MSW SF     | P         | P          | P          | P          |
| 31   | INDHU LEKHA             | MSW SF     | P         | P          | P          | P          |
| 32   | AMAL JOSE               | MSW SF     | P         | P          | P          | P          |
| 33   | SHRUTHI RAVINDRAN       | MSW SF     | P         | P          | P          | P          |
| 34   | KEERTHANA               | MSW SF     | P         | P          | P          | P          |
| 35   | RASHEED BASHA B         | MSW SF     | P         | P          | P          | P          |
| 36   | RANGANAYAKI             | MAHRM      | P         | P          | P          | P          |
| 37   | NAVEENA                 | MAHRM      | P         | P          | P          | P          |
| 38   | AARUN                   | MAHRM      | P         | P          | P          | P          |
| 39   | SATHISHKUMAR            | MAHRM      | P         | P          | P          | P          |
| 40   | AISHWARYA               | MAHRM      | 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

Evert Martina Mary

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has successfully completed the value added course on  
"Lean Six Sigma" in the month of August 2019.

*S. Sivaranjani*

Ms. Sivaranjani  
(Head Of The Department)

*Dr. 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