



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: November 2020 - December 2020



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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CERTIFICATE OF COMPLETION

This is to certify that

Bhagyalakshmi (1915782021006)

has successfully completed the value added course on
"Lean Six Sigma Yellow Belt" in the month of December 2020.

S. Sivaranjani

Ms. Sivaranjani
(Head Of The Department)

Nausheen Subhan

Ms. Nausheen Subhan
(CEO, Commune)

Dr. Raja Samuel

Dr. Raja Samuel
(Principal)



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Value Added Course Report (NOV – DEC 2020)

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

SNO	STUDENT NAME	DEPARTMENT	21-11-2020	28-11-2020	05-12-2020	12-12-2020	19-12-2020
1	ANGEL S	MAHROD	P	P	P	P	P
2	ARUNMOZHI N G	MAHROD	P	P	P	P	P
3	ASHRUTA R	MAHROD	P	P	P	P	P
4	BALAJI J	MAHROD	P	P	P	P	P
5	BEULAH IRENE JOANNA	MAHROD	P	P	P	P	P
6	BHAGYALAKSHMI B	MAHROD	P	P	P	P	P
7	DEEPTHI SAI A	MAHROD	P	P	P	P	P
8	DISHA T	MAHROD	P	P	P	P	P
9	DORINA RUTH NITTLA	MAHROD	P	P	P	P	P
10	DURGA MENON	MAHROD	P	P	P	P	P
11	GAYATHRI V V	MAHROD	P	P	P	P	P
12	ILAYABARATHI R	MAHROD	P	P	P	P	P
13	JONAN TIMOTHY RITESH N	MAHROD	P	P	P	P	P
14	KEERTHANA B	MAHROD	P	P	P	P	P
15	KEZIAH EVANGELINE V	MAHROD	P	P	P	P	P
16	NILA M	MAHROD	P	P	P	P	P
17	PAVITHRA VIJAYARAGHAVAN	MAHROD	P	P	P	P	P
18	PRIYANKA S	MAHROD	P	P	P	P	P
19	RANJEEKA M P	MAHROD	P	P	P	P	P
20	SAMYUKTHA RAO G	MAHROD	P	P	P	P	P
21	SANJEY KUMAR A J	MAHROD	P	P	P	P	P
22	SATHISH KUMAR S	MAHROD	P	P	P	P	P
23	SEAN MARIE NUNES	MAHROD	P	P	P	P	P
24	SHRIPRADHA P V	MAHROD	P	P	P	P	P
25	SIBIA SARAH JACOB	MAHROD	P	P	P	P	P
26	SRUTHI A S	MAHROD	P	P	P	P	P
27	SURAJ M S	MAHROD	P	P	P	P	P
28	THENNAVAN D	MAHROD	P	P	P	P	P
29	THILAK RAJ S	MAHROD	P	P	P	P	P
30	VAISAK R S	MAHROD	P	P	P	P	P
31	VARSHA A	MAHROD	P	P	P	P	P
32	VINITHA M	MAHROD	P	P	P	P	P
33	WINSLET BELCIYA M	MAHROD	P	P	P	P	P
34	CHRISHTINA R	MAHROD	P	P	P	P	P
35	SANJNA SURESH	MAHROD	P	P	P	P	P
36	ABINAYA AS	MAHROD	P	P	P	P	P
37	GIFTVY TRINITA J	MAHROD	P	P	P	P	P
38	MAGESWARI N	MAHROD	P	P	P	P	P
39	PAVITHA P HARIDASAN	MAHROD	P	P	P	P	P
40	VAISHNAVI P	MAHROD	P	P	P	P	P
41	WILFRED ANTONY AJAY	MAHROD	P	P	P	P	P

(PROF. SIVA RANJANI)

HEAD OF DEPARTMENT

MA. HROD