



**iibm internships**

Get Ready for Industry 4.0 Revolution

# Be competitive or jobless?

# Lean Six Sigma



# Job Linked

# LEAN SIX SIGMA

# MANAGEMENT

9 Months | Online

As Featured In:



Business Standard

hindustantimes



# ABOUT US

- Edtech Company **Since 2008**
- **25,000+** Learners
- **450+** Employees
- **40+** Courses
- **1,20,000 Sq. Ft.** Infrastructure
- Member of **AIMA, MMA,CII, D&B, FIEO**

# WHY THIS PROGRAM WITH IIBM



## CURRICULUM

### EXPERIENTIAL LEARNING

Engaging case studies, projects, for effective learning.

### INDUSTRY ENDORSED CURRICULUM

Industry endorsed curriculum by our Industry experts.

## EMPLOYMENT ASSISTANCE

### CAREER SERVICES

Career support through mock interviews, resume building and interview preparation workshops.

### PLACEMENT ASSURANCE

Guaranteed interview opportunities with leading companies and startups.

## TECH- ENABLED LEARNING

### SMART CLASSROOM

Learning in technologically- augmented classrooms, enhanced with live lecture recording.

### LMS

Exclusive access to IIBM learning portal for additional learning and assessments.

## INDUSTRY CONNECT

### INDUSTRY MENTORSHIP

Dedicated industry leaders to guide you through career- related queries.

# AWARDS AND ACCOLADES

- **“Emerging Data Science Institute of the year”**  
Awards 2021 by WBR Corporation.
- **“National Education Excellence”**  
Awards 2019 for most “Reliable Online Education & Training Institute.”
- **“Education Leadership Award”**  
winner by “BBC Knowledge” 2017 at Taj Lands End Mumbai.
- **“Indian Education Congress Award”**  
winner for “Excellence in Distance Learning Education” 2017.
- **“Higher Education Review Institute of the year 2016”**  
from “Higher Education Review” for providing excellent opportunity to management students.
- **“Pride of Indian Education Awards”**  
for “Best Online Institute for Management Courses 2019.”
- **“Education Leadership Award 2018”**  
for Innovation by most “Promising Online Education & Training Institute.”
- **“Global Education Awards 2018”**  
for “Emerging Management Education Online Solution.”
- **“World Education Award 2017”**  
winner in “Innovation by Management Institute.”

## IIBM’s LEAN SIX SIGMA MANAGEMENT PROGRAM

- Advanced Job Skills
- 100% Placement
- Industry Assessed Projects
- Online Training



# WHO SHOULD ENROLL



Lean Six Sigma is a framework that is not limited to a particular industry. Any professional looking to learn how to improve organizational efficiency can become a Lean Six Sigma expert.

Professionals who typically take this program include:

- Quality control supervisors/ engineers/ managers
- IT analysts
- Project managers
- Enthusiasts of lean management
- Six Sigma professionals

# TALK TO ADMISSION COUNSELLOR

We have a team of dedicated admissions counselors who are here to help guide you in applying to the program. They are available to:

- Address questions related to the application
- Assist with financial aid (if required)
- Help you resolve your questions and understand the program

# LEAN SIX SIGMA MANAGEMENT PROGRAM

S.NO.	Course Name	Duration	Certificates	Course Fees
1.	Post Graduate Program in Lean Six Sigma Management	6 Months	<ul style="list-style-type: none"> <li>Post Graduate Program in Lean Six Sigma Management</li> </ul>	Rs. 25,000 + Taxes / USD 600
2.	Master Program in Lean Six Sigma Management + 2 Certifications	9 Months	<ul style="list-style-type: none"> <li>Master Program in Lean Six Sigma Management</li> <li>Agile Project Management</li> <li>Digital Transformation</li> </ul>	Rs. 35,000 + Taxes / USD 800
3.	Master Program in Lean Six Sigma Management + 3 Certifications	9 Months	<ul style="list-style-type: none"> <li>Master Program in Lean Six Sigma Management</li> <li>Business Data Analytics</li> <li>Agile Project Management</li> <li>Total Quality Management</li> </ul>	Rs. 45,000 + Taxes / USD 1000

## CURRICULUM COVERED

SUBJECTS	Post Graduate Program in Lean Six Sigma Management	Master Program in Lean Six Sigma Management + 2 Certifications	Master Program in Lean Six Sigma Management + 3 Certifications
Lean Six Sigma Management	✓	✓	✓
Minitab - Statistical Software Tool	✓	✓	✓
Digital Transformation	✓	✓	✓
Certified Lean Six Sigma Green Belt	✓	✓	✓
Certified Lean Six Sigma Black Belt	✓	✓	✓
Project Management	✓	✓	✓
Agile Scrum Master	✓	✓	✓
Business Analysis		✓	✓
Data Analytics in Lean Six Sigma		✓	✓
Total Quality Management			✓

# COURSE HIGHLIGHTS



	COURSE 1	COURSE 2	COURSE 3
	Post Graduate Program in Lean Six Sigma Management	Master Program in Lean Six Sigma Management + 2 Certifications	Master Program in Lean Six Sigma Management + 3 Certifications
1. Learn From Home Any Time	Yes	Yes	Yes
2. Video Tutorials	250+ Hours	250+ Hours	350+ Hours
3. Doubt Clearing Sessions	Yes	Yes	Yes
4. LMS Capstone Projects	8	15	15
5. 100% Job Placement	Yes	Yes	Yes
6. Career Assistance Videos	Yes	Yes	Yes
7. Career Assistance Live Sessions	Yes	Yes	Yes
8. Resume Making Facility	Yes	Yes	Yes
9. Course Duration	6 Months	9 Months	9 Months
10. Master Program Certification Provided	No	Yes	Yes
11. Expected CTC	3-5 lacs	3-8 lacs	3-8 lacs
12. EMI Option	Yes	Yes	Yes
13. Mentorship by Expert	Yes	Yes	Yes

# 1. POST GRADUATE PROGRAM IN LEAN SIX SIGMA MANAGEMENT

## ABOUT

The Post Graduate Program (PGP) in Lean Six Sigma will move your career forward. This immersive program helps you gain skills and tools to lead operational excellence in transformational projects by improving quality and enhancing bottom-line results.

## ELIGIBILITY

Fresh Graduates/ Diploma in any discipline.

## COURSE DURATION

6 Months

## CURRICULUM

<b>MODULE 1</b>	Lean Six Sigma Management	<b>MODULE 7</b>	Agile Scrum Master
<b>MODULE 2</b>	Minitab - Statistical Software Tool		
<b>MODULE 3</b>	Digital Transformation		
<b>MODULE 4</b>	Certified Lean Sigma Green Belt		
<b>MODULE 5</b>	Certified Lean Sigma Black Belt		
<b>MODULE 6</b>	Project Management		

## COURSE FEES

Rs. 25,000 + Taxes/ USD 600

## CERTIFICATES

- Post Graduate Program in Lean Six Sigma Management

# CURRICULUM

<b>Module 1</b>		<b>LEAN SIX SIGMA MANAGEMENT</b>	
<b>Topic</b>	<b>Content Covered</b>		
<b>Introduction to Lean Management</b>	Definition of Lean Management   Need of Lean Management in different types of Industries   History of Lean Evolution   Lean Principles and types of wastes   Examples of Wastes in different Industrial scenario		
<b>Lean Management concepts</b>	5S (Basic Lean tool )   Value stream Mapping   Pokayoke   SMED Kaizen , Kanban   Industrial applications of above tools in Manufacturing , Service , Non-Manufacturing sectors		
<b>Lean concept in Manufacturing</b>	Background   Case study of one project in Lean Manufacturing		
<b>Lean Concept in Non Manufacturing (Service/Office)</b>	Background   Case study of One project in Non Manufacturing (Office )   Case study of one project in Service industry		
<b>Key Lean concepts Metrics</b>	Lead time Concept   Cycle time Concept   Lead time concept   OEE concept and application in Industries   Other miscellaneous concepts   Theory of constraints   Lean Maturity Matrix and conclusions		
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<b>Module 2</b>		<b>MINITAB - STATISTICAL SOFTWARE TOOL</b>	
<b>Topic</b>	<b>Content Covered</b>		
<b>Minitab</b>	Introduction to Minitab tool   Basic statistics in Minitab   All Minitab based applications in Six sigma Green and Black Belt a. Regression Analysis b. ANova c. Hypothesis Testing d. Design Of experiments		
<b>Module 3</b>		<b>DIGITAL TRANSFORMATION</b>	
<b>Topic</b>	<b>Content Covered</b>		
<b>Introduction to Digital Transformation</b>	Digital revolution History   The stages of Digital Maturity   Critical factors to consider   Strategic planning in Digital technology   Challenges in driving digital transformation   Importance of Digital transformation in Industries		
<b>Robotic Process Automation</b>	Introduction to RPA   Difference between RPA and other tools   Benefits of RPA   Identify opportunities for Automation   Process Reengineering concepts   Best Practices at Enterprise Level   Case study on RPA in industrial oriented		
<b>Robotic Process Automation</b>			
<b>Cloud and Devops</b>			
<b>Digital Marketing and other digital concept</b>			
<b>Case study related to Digital transformation different applications in industries</b>			



**Module 4****CERTIFIED LEAN SIX SIGMA GREEN BELT**

Topic	Content Covered
<b>Introduction to Lean Six Sigma</b>	Basics and History of Six sigma   Need of Six sigma tool to any Industry   Six Sigma and organizational Level Hierarchies, Business targets   DMAIC overview and Lean principles, Calculations of six sigma levels   Difference between Lean & six sigma   DMAIC and DMADV /DFSS
<b>Define Phase</b>	Define Phase overview   How to identify the project as Six sigma Green Belt Project   Voice of Customer   Determine CTQ   Develop project charter   Process mapping - SIPOC , COPIS , Flow chart applications   DPMO Calculations and Exercise on Sigma Levels Calculation   COPQ calculations   One Case study on Define phase
<b>Measure Phase</b>	Measure phase Overview   Data Types   Basics on Probability and statistics definitions   Population and sampling   Data collection Plan   Gemba Audit   Measurement system Analysis basics   Process capability Indices and calculations on Cp , Cpk.   One case Study on Measure Phase
<b>Analyse Phase</b>	Analyse Phase overview   Data Analysis   Histogram , Box Plot , Project Examples   Root Cause Analysis -Cause and effect diagram , Why Analysis (5 Whys)   Hypothesis testing, Basics on each tool applications   Minitab oriented case study on Hypothesis testing a. One sample T test b. Two sample T test
<b>Improve Phase</b>	Improve Phase overview   Generating creative solution ideas concepts   Lean Tools application while selecting solutions   FMEA Concept   Basics on Design of Experiments   Case study on Improve phase
<b>Control Phase</b>	Control Phase overview   Statistical Process Control (SPC)   Control Charts and different types of charts and applications   Applications of Lean tools in control phase   Standardization , Horizontal Deployment concept   Control Plan , Work instructions   Case study on Control Phase

**Module 5****CERTIFIED LEAN SIX SIGMA BLACK BELT**

<b>Overview of Lean Six Sigma</b>	Pre -Requirements/Requisites for LSSBB Course   Difference Between Green Belt and Black Belt and Master Black Belt   Roles and Responsibilities of Six Sigma Teams in each level   Data Driven Six sigma concepts and traditional Quality concepts   How to Select Project as Black Belt project
<b>Define Phase</b>	Define Phase overview for DMAIC , DFSS   Concept of DMAIC , DFSS for any project   VOC , Quality Function deployment   Kano Model   Concept of DMAIC , DFSS Projects and Examples   Case study project on DFSS project
<b>Measure Phase</b>	Measure phase Overview   Data Types and Measures of Central tendency   Dispersion concept   Central Limit Theorem   Measurement system Analysis Concept   Gage R&R Concept   Continuous MSA , Attribute MSA   Normal and Non Normal data   One case Study on Measure Phase

Topic	Content Covered
Analyse Phase	Analyse Phase overview   Data Analysis   Normal data   Non Normal data   How to check Normality in data through Minitab   Hypothesis Testing Criteria   Null and Alternate Hypothesis   Type I Error Type II Error   Significance Level ( $\alpha$ ), $\beta$ and Power   P Value, and Acceptance and Rejection Conditions   Sample Size Determination for Tests, Sample z Test, Test of Equality of Variances   Sample t Test, Paired T Test   Correlation, Regression Analysis   Simple/Linear Regression Analysis   Multiple Regression Analysis   Anova -1 way Anova   2 way Anova with replicates   Non Parametric Hypothesis Test a. Mann Whitney Test b. Wilcoxon Test c. Kruskal Wallis d. Mood's Median   Case study on each tool through Minitab
Improve Phase	Improve Phase overview   Solution Generation, Design of Experiments a. Generate solutions, Brainstorming the solutions prioritization b. Out of the box thinking c. Design of experiments   Design of Experiments a. Two Level factorial experiments b. Full factorial experiments c. DOE with Curvature d. Response surface methods   Piloting techniques and FMEA analysis a. Risk Mitigation b. Test solutions c. Pilot solutions d. Refine solutions e. FMEA, Error proofing   Measurement System Reanalysis a. Gage R & R b. Cost benefit analysis   Case study on applicable tools through Minitab
Control Phase	Control Phase overview   Statistical Process control a. SPC Chart selection b. SPC Chart analysis   Documentation   Control Plan   Case study on applicable tools through Minitab

## Module 6

## PROJECT MANAGEMENT

Topic	Content Covered
Introduction & Project Environment	What is project   Program   Portfolio   Details of PMP exam
Role of PM & Processes	Role of PM with respect to Industry   Disciplines   Project   Organization
Integration Management	Develop Project Charter   Develop Project Management Plan   Direct and Manage Project Work   Manage Project Knowledge   Monitor and Control Project Work   Perform Integrated Change Control   Close Project
Scope Management	Collect Requirements   Define Scope   Create WBS   Validate Scope   Control Scope
Schedule Management	Plan Schedule Management   Define Activities   Sequence Activities   Estimate Activity Durations   Develop Schedule   Control Schedule
Cost Management	Plan Cost Management   Estimate Costs   Determine Budget   Control Costs
Quality Management	Plan Quality Management   Manage Quality   Control Quality
Resource Management	Plan Resource Management   Estimate Activity Resources   Acquired Resources   Develop Team   Manage Team   Control Resources
Communication Management	Plan Communications Management   Manage Communications   Monitor Communications

Topic	Content Covered
<b>Risk Management</b>	Plan Risk Management   Identify Risks   Perform Qualitative Risk Analysis   Perform Quantitative Risk Analysis   Plan Risk Responses   Implement Risk Responses   Monitor Risks
<b>Procurement Management</b>	Plan Procurement Management   Conduct Procurements   Control Procurements
<b>Stakeholder Management</b>	Identify Stakeholders   Plan Stakeholder Engagement   Manage Stakeholder Engagement   Monitor Stakeholder Engagement

## Module 7

## AGILE SCRUM MASTER

Topic	Content Covered
<b>Agile Mindset and Principals</b>	This will cover introduction to Agile, Agile Mindset, Agile Manifesto and 12 principal on which Agile is based on   This will also cover other Agile Framework
<b>Scrum Event and Artifacts</b>	This will cover introduction to Scrum Process Flow   Scrum Framework   Scrum values   Scrum Roles & Responsibilities   Common Artifacts like Product Backlog
<b>Agile Planning, Monitoring and Control</b>	This will cover introduction will cover Product Incremental   Sprint Planning   Sprint Execution   Daily Scrum   Sprint Review Meeting   Retrospective Meeting   Burndown charts
<b>Scaling Agile</b>	This will cover introduction will cover Agile Framework   Scrum for complex projects and options for Scaled Agile

# CAPSTONE PROJECTS

<b>Lean Six Sigma Management</b>	Lean Six Sigma Project in Manufacturing Process
	Lean Six Sigma Project in Non Manufacturing Process
	Lean Six Sigma Project in Service Sector
	Lean Six Sigma Project in Pharmaceutical
<b>Project Management</b>	Create Project Charter
	Stakeholder Assessment Matrix
	Procurement- Calculate cost payable
<b>Agile Scrum Master</b>	Burndown Chart
	Create Velocity
	Sprint Backlog

## 2. MASTER PROGRAM IN LEAN SIX SIGMA MANAGEMENT + 2 CERTIFICATIONS

### ABOUT

The Lean Six Sigma Masters Program is designed to help you master management methodologies – Lean and Six Sigma – that have been brought together to accelerate business improvement. Fast track your career with this course that will give you the management qualities businesses look for and become the go-to professional for quality management projects.

### ELIGIBILITY

Fresh Graduates/ Diploma in any discipline.

### COURSE DURATION

9 Months

### CURRICULUM

<b>MODULE 1</b>	Lean Six Sigma Management	<b>MODULE 7</b>	Agile Scrum Master
<b>MODULE 2</b>	Minitab - Statistical Software Tool	<b>MODULE 8</b>	Business Analysis
<b>MODULE 3</b>	Digital Transformation	<b>MODULE 9</b>	Data Analytics in Lean Six Sigma
<b>MODULE 4</b>	Certified Lean Sigma Green Belt		
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### COURSE FEES

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### CERTIFICATES

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<b>Scaling Agile</b>	This will cover introduction will cover Agile Framework   Scrum for complex projects and options for Scaled Agile

## Module 8

## BUSINESS ANALYSIS

<b>BA Introduction and Fundamentals</b>	Business Analyst – Who, What, Why?   BA – qualities, skills, roles, responsibilities   Fundamentals of Business Analysis Hierarchical Structure of IT Team   IIBA, BABOK, CBAP, CCBA Overview   CMMI Overview   Project Stakeholder   Types of Stakeholder   Software Project and Types of Software Project   Software Contract and Types of Software Contract
<b>Software Development Life Cycle (SDLC)</b>	Introduction of SDLC   Need of a BA in SDLC   Phases of SDLC "SDLC Methods --> Waterfall Model and Agile, Scrum --> Iterative and Incremental --> V Model and Spiral Model" "SDLC --> Pre-requisites and Activities --> Common Criteria and Deliverables" Software Maintenance lifecycle model Software testing lifecycle model
<b>Requirement Engineering</b>	Why do we need good Requirements   Why do Project Fail?   Importance of Requirement – Statistics   What is Requirements Engineering   Role of a Business Analyst
<b>Requirements</b>	What are requirements? And Characteristics of Requirements   Types of Requirements   Business Requirements   User Requirements and System Requirements   Functional Requirements and Non-Functional   Requirements   Implementation Requirement and UI Requirements



Topic	Content Covered
<b>Requirements Process Flow and Requirements Framework</b>	Initial Exploration   Form Business Requirements   Provide Solution to satisfy Business Requirements   Create Functional Specifications/ Use Cases   Validate Requirements with Customer   Form SRS and Seek Approval Requirements Framework
<b>Requirements Elicitation</b>	Sources of Requirement Elicitation   Skills for Requirement Elicitation   Stakeholder Identification   Surveys and Questionnaire   Interviewing and Focus Group Interviews Brainstorming and Reverse Engineering   Prototyping and Wire Frames   JAD – Joint Application Development   Observation and Task Analysis   Domain Analysis and Personal Challenges in Requirement Elicitation
<b>Requirements Analysis</b>	Classifying and Prioritizing Requirements   Fish Bone Diagram – Causal Effect   Pareto’s Diagram – 80:20 Rule   Moscow Prioritization   Kano Analysis   Requirements Allocation and Validation   Requirements Pre-Review and Review Requirements Walkthrough and Sign Off
<b>Requirements Specification</b>	How to write Business Requirement document?   How to write Software Requirement specification   Introduction to Software Requirement Specification   Understanding SRS syntax with IEEE Standards   What are Use Case and Use Case Narrative?   Relationship between Use Cases   How to write Use Cases?   Use Case Narrative Flows - Primary Flow, Alternative Flow,   Exceptional Flow   Activity Diagram, Class Diagram, E-R Model, Sequence Diagram, State Diagram, Collaboration Diagram
<b>Requirement Engineering Project with Cases – Phase 1</b>	Business Process of existing system   GAP Analysis – PIECES Framework   Domain Properties and Stakeholders Feasibility Study   Evaluation of Alternatives using Cost – Benefit Analysis
<b>Requirement Engineering Project with Cases – Phase 2</b>	Use case Description and Use Case Diagram   Activity Diagram   What are Use Case and Use Case Narrative?   Relationship between Use Cases   How to write Use Cases? Use Case Narrative Flows - Primary Flow, Alternative Flow, Exceptional Flow   Pre-condition, Post-condition, Exception handling and Triggers
<b>Requirement Engineering Project with Cases – Phase 3</b>	Sequence Diagram   Class Diagram   Software Requirement Specification
<b>Scope Management</b>	Different dimensions of scope   Managing Scope at different stages of the Project   Product Scope and Project Scope   Issues in scope management   Measurement of Scope and Metrics
<b>Risk Management</b>	Steps in Risk Management   Risk Identification   Risk Analysis and Prioritization   Risk Response – Strategy, Actions & Response Owners   Risk Monitoring and Control Risk Management Documents
<b>Estimation Management</b>	Introduction to Estimation   The Importance of Estimation   What is Estimation?   The Estimation Process Overview Problems with Estimations   Estimation Techniques
<b>Customer Expectation Management</b>	Importance of CEM   Traditional and modern view   Understanding Customer and Managing Expectations   Issues in Customer Expectation Management   Handling Difficult Situations   Expectation Management Life-Cycle

Topic	Content Covered
Quality Process Awareness	Quality Management System   Concept of Quality   Metrics and Measurements   Defect Preventions   Defect analysis tools and techniques
Business Communication Management	Communication: Introduction   Email Communication   Teleconference and Meetings   Assertiveness and Scenarios
Requirement Process, Planning and Management	Understanding IT project hierarchy   Project Charter and Requirements Process   RACI Matrix and Requirements Planning   Work Efforts & Estimations   Managing Requirements   BA's plan to feed into Project Plan
Prototyping	Define Prototyping and Importance of prototyping   Types of Prototyping   Prototyping as methodology   User Interface Prototyping   Advantage and Disadvantages of Prototyping
BA Deliverables - Documentation and Templates	Business Requirement Document (BRD)   Use case document (USD)   Software Requirement Specification Document (SRS)   Change Request Process Document   Functional Requirement Specification (FSD)   Business Process Questionnaire Document   Project Requirement Management and development process Document   Scope management Document   Requirement Traceability matrix document
UML Diagram	Use Case Diagram and Class Diagram   Sequence Diagram and Collaboration Diagram   Activity Diagram and State Diagram
Business Analysis Tools	Rational Requisite Pro   Microsoft Visio – UML Tool   Team Foundation Server (TFS)   JIRA – Agile Tool   SVN – Configuration Management Tool   Axure – Prototype Tool
Agile Methodologies	The Product Backlog Creation   High-level Project and Process Plan   Sprint Planning Meeting   The Sprint and Daily Scrum Meetings   Sprint Review Meeting   Sprint Retrospective   Next Sprint and Repeat   Post-Sprint Functional Testing by PO   Pre-release Testing prior to Release to Customer   Release to Customer
Business Analysis Process	Requirement Development Process – For New Development Project   Requirement Management Process – For Maintenance Project   Change Request (CR) Process
Software Project Management	What is Project Management?   Project Management Phases   Project Management Knowledge Areas   Project Management Tools
BABOK Structure – CBAP Certification Knowledge Areas	BABOK Introduction   BABOK Knowledge Areas   Business Analysis Planning   Enterprise Analysis   Requirement Elicitation   Requirement Analysis   Solution Assessment and Validation Requirement Management and Communication
Business Analysis Perspectives	Agile Perspectives   Business Intelligence Perspectives   Information Technology Perspectives   Business Architecture Perspectives   Business Process Management Perspectives

## Module 9

## DATA ANALYTICS IN LEAN SIX SIGMA

Topic	Content Covered
Fundamental of Data Analytics	Data Analytics across Domains   What is Analytics?   Types of Analytics   AI vs ML vs DL vs DS

Topic	Content Covered
<b>Basics concepts in Statistics for Data Analytics</b>	Introduction to statistics and Central Limit Theorem   Measures of Central Tendencies and Measures of Spread   Descriptive Statistics with Real Time Examples   Measuring Scales   Inferential Statistics with Real Time Examples
<b>Advanced concepts in Statistics for Data Analytics</b>	Hypothesis Testing and Goodness of Fit test   Introduction to Statistical Tests Statistical Test with Real Time Example   Analysis of Variance(ANOVA) & Analysis of Covariance(ANCOVA)   Probability Theory for Data Analytics  Types of Probability Distribution
<b>Python essential for Data Science</b>	Python Intro,IDE and Python Packages   Python Programming   Python Data Types - Dictionary, List and Set   Numpy Packages - Array Handling and Manipulation   Pandas Packages - Dataframe and Loading Excel, CSV File   Matplotlib Packages - Line graph and Visualisation   Histogram, Scatter Diagram, Box Plot and Bar Graph   Area Chart, Dual Axis, Array reshaping, reverse matrix analysis   Python - Operators and String Manipulation   Control Structures (IF,IF-ELSE,IF-ELIF-ELSE,WHILE & FOR LOOP) Python - Data Preparation Process Python - Functions WITH and WITHOUT arguments Python - File Processing and Data Collection Methods Python - Time Series Analysis and Forecasting Python - Simple Predictive Analysis
<b>Data Science With Python</b>	Data Science with Python   Data Science Application across Multiple Domain and Business Function   Data Science Project LifeCycle   Multiple Predictive Model using Python   Python - Simple and Multiple Predictive Model in Practical   Python Correlation Analysis   Python Classification Model Building Data Science - Experimental Design Analysis   Classification Technique - Discriminant Analysis   Data Science - Association Rule - Apriori Algorithm   Data Science - Building Recommendation System - (Market Basket Analysis)   Data Architecture Design, Data Warehousing and it's Schema Design   Image Processing and Image Extraction   Image Processing and Object Recognition Summarisation of Data Science Algorithm (Data Science Process)

# CAPSTONE PROJECTS

<b>Lean Six Sigma Management</b>	Lean Six Sigma Project in Manufacturing Process
	Lean Six Sigma Project in Non Manufacturing Process
	Lean Six Sigma Project in Service Sector
	Lean Six Sigma Project in Pharmaceutical
<b>Project Management</b>	Create Project Charter
	Stakeholder Assessment Matrix
	Procurement- Calculate cost payable
<b>Agile Scrum Master</b>	Burndown Chart
	Create Velocity
	Sprint Backlog
<b>Business Analysis</b>	Online Recruitment Process

### 3. MASTER PROGRAM IN LEAN SIX SIGMA MANAGEMENT + 3 CERTIFICATIONS

#### ABOUT

The Lean Six Sigma Masters Program is designed to help you master management methodologies – Lean and Six Sigma – that have been brought together to accelerate business improvement. Fast track your career with this course that will give you the management qualities businesses look for and become the go-to professional for quality management projects.

#### ELIGIBILITY

Fresh Graduates/ Diploma in any discipline.

#### COURSE DURATION

9 Months

#### CURRICULUM

<b>MODULE 1</b>	Lean Six Sigma Management	<b>MODULE 7</b>	Agile Scrum Master
<b>MODULE 2</b>	Minitab - Statistical Software Tool	<b>MODULE 8</b>	Business Analysis
<b>MODULE 3</b>	Digital Transformation	<b>MODULE 9</b>	Data Analytics in Lean Six Sigma
<b>MODULE 4</b>	Certified Lean Sigma Green Belt	<b>MODULE 10</b>	Total Quality Management
<b>MODULE 5</b>	Certified Lean Sigma Black Belt		
<b>MODULE 6</b>	Project Management		

#### COURSE FEES

Rs. 45,000 + Taxes/ USD 1000

#### CERTIFICATES

- Master Program in Lean Six sigma Management
- Business Data Analytics
- Agile Project Management
- Total Quality Management

# CURRICULUM

## Module 1

## LEAN SIX SIGMA MANAGEMENT

Topic	Content Covered
Introduction to Lean Management	Definition of Lean Management   Need of Lean Management in different types of Industries   History of Lean Evolution   Lean Principles and types of wastes   Examples of Wastes in different Industrial scenario
Lean Management concepts	5S (Basic Lean tool )   Value stream Mapping   Pokayoke   SMED Kaizen , Kanban   Industrial applications of above tools in Manufacturing , Service , Non-Manufacturing sectors
Lean concept in Manufacturing	Background   Case study of one project in Lean Manufacturing
Lean Concept in Non Manufacturing (Service/Office)	Background   Case study of One project in Non Manufacturing (Office )   Case study of one project in Service industry
Key Lean concepts Metrics	Lead time Concept   Cycle time Concept   Lead time concept   OEE concept and application in Industries   Other miscellaneous concepts   Theory of constraints   Lean Maturity Matrix and conclusions
Key Lean concepts Metrics	Lead time Concept   Cycle time Concept   Lead time concept   OEE concept and application in Industries   Other miscellaneous concepts   Theory of constraints   Lean Maturity Matrix and conclusions

## Module 2

## MINITAB - STATISTICAL SOFTWARE TOOL

Topic	Content Covered
Minitab	Introduction to Minitab tool   Basic statistics in Minitab   All Minitab based applications in Six sigma Green and Black Belt a. Regression Analysis b. ANova c. Hypothesis Testing d. Design Of experiments

## Module 3

## DIGITAL TRANSFORMATION

Topic	Content Covered
Introduction to Digital Transformation	Digital revolution History   The stages of Digital Maturity   Critical factors to consider   Strategic planning in Digital technology   Challenges in driving digital transformation   Importance of Digital transformation in Industries
Robotic Process Automation	Introduction to RPA   Difference between RPA and other tools   Benefits of RPA   Identify opportunities for Automation   Process Reengineering concepts   Best Practices at Enterprise Level   Case study on RPA in industrial oriented

Robotic Process Automation

Cloud and Devops

Digital Marketing and other digital concept

Case study related to Digital transformation different applications in industries

**Module 4****CERTIFIED LEAN SIX SIGMA GREEN BELT**

Topic	Content Covered
<b>Introduction to Lean Six Sigma</b>	Basics and History of Six sigma   Need of Six sigma tool to any Industry   Six Sigma and organizational Level Hierarchies, Business targets   DMAIC overview and Lean principles, Calculations of six sigma levels   Difference between Lean & six sigma   DMAIC and DMADV /DFSS
<b>Define Phase</b>	Define Phase overview   How to identify the project as Six sigma Green Belt Project   Voice of Customer   Determine CTQ   Develop project charter   Process mapping - SIPOC , COPIS , Flow chart applications   DPMO Calculations and Exercise on Sigma Levels Calculation   COPQ calculations   One Case study on Define phase
<b>Measure Phase</b>	Measure phase Overview   Data Types   Basics on Probability and statistics definitions   Population and sampling   Data collection Plan   Gemba Audit   Measurement system Analysis basics   Process capability Indices and calculations on Cp , Cpk.   One case Study on Measure Phase
<b>Analyse Phase</b>	Analyse Phase overview   Data Analysis   Histogram , Box Plot , Project Examples   Root Cause Analysis -Cause and effect diagram , Why Analysis (5 Whys)   Hypothesis testing, Basics on each tool applications   Minitab oriented case study on Hypothesis testing a. One sample T test b. Two sample T test
<b>Improve Phase</b>	Improve Phase overview   Generating creative solution ideas concepts   Lean Tools application while selecting solutions   FMEA Concept   Basics on Design of Experiments   Case study on Improve phase
<b>Control Phase</b>	Control Phase overview   Statistical Process Control (SPC)   Control Charts and different types of charts and applications   Applications of Lean tools in control phase   Standardization , Horizontal Deployment concept   Control Plan , Work instructions   Case study on Control Phase

**Module 5****CERTIFIED LEAN SIX SIGMA BLACK BELT**

<b>Overview of Lean Six Sigma</b>	Pre –Requirements/Requisites for LSSBB Course   Difference Between Green Belt and Black Belt and Master Black Belt   Roles and Responsibilities of Six Sigma Teams in each level   Data Driven Six sigma concepts and traditional Quality concepts   How to Select Project as Black Belt project
<b>Define Phase</b>	Define Phase overview for DMAIC , DFSS   Concept of DMAIC , DFSS for any project   VOC , Quality Function deployment   Kano Model   Concept of DMAIC , DFSS Projects and Examples   Case study project on DFSS project
<b>Measure Phase</b>	Measure phase Overview   Data Types and Measures of Central tendency   Dispersion concept   Central Limit Theorem   Measurement system Analysis Concept   Gage R&R Concept   Continuous MSA , Attribute MSA   Normal and Non Normal data   One case Study on Measure Phase

Topic	Content Covered
Analyse Phase	Analyse Phase overview   Data Analysis   Normal data   Non Normal data   How to check Normality in data through Minitab   Hypothesis Testing Criteria   Null and Alternate Hypothesis   Type I Error Type II Error   Significance Level ( $\alpha$ ), $\beta$ and Power   P Value, and Acceptance and Rejection Conditions   Sample Size Determination for Tests, Sample z Test, Test of Equality of Variances   Sample t Test, Paired T Test   Correlation, Regression Analysis   Simple/Linear Regression Analysis   Multiple Regression Analysis   Anova -1 way Anova   2 way Anova with replicates   Non Parametric Hypothesis Test a. Mann Whitney Test b. Wilcoxon Test c. Kruskal Wallis d. Mood's Median   Case study on each tool through Minitab
Improve Phase	Improve Phase overview   Solution Generation, Design of Experiments a. Generate solutions, Brainstorming the solutions prioritization b. Out of the box thinking c. Design of experiments   Design of Experiments a. Two Level factorial experiments b. Full factorial experiments c. DOE with Curvature d. Response surface methods   Piloting techniques and FMEA analysis a. Risk Mitigation b. Test solutions c. Pilot solutions d. Refine solutions e. FMEA, Error proofing   Measurement System Reanalysis a. Gage R & R b. Cost benefit analysis   Case study on applicable tools through Minitab
Control Phase	Control Phase overview   Statistical Process control a. SPC Chart selection b. SPC Chart analysis   Documentation   Control Plan   Case study on applicable tools through Minitab

## Module 6

## PROJECT MANAGEMENT

Topic	Content Covered
Introduction & Project Environment	What is project   Program   Portfolio   Details of PMP exam
Role of PM & Processes	Role of PM with respect to Industry   Disciplines   Project   Organization
Integration Management	Develop Project Charter   Develop Project Management Plan   Direct and Manage Project Work   Manage Project Knowledge   Monitor and Control Project Work   Perform Integrated Change Control   Close Project
Scope Management	Collect Requirements   Define Scope   Create WBS   Validate Scope   Control Scope
Schedule Management	Plan Schedule Management   Define Activities   Sequence Activities   Estimate Activity Durations   Develop Schedule   Control Schedule
Cost Management	Plan Cost Management   Estimate Costs   Determine Budget   Control Costs
Quality Management	Plan Quality Management   Manage Quality   Control Quality
Resource Management	Plan Resource Management   Estimate Activity Resources   Acquired Resources   Develop Team   Manage Team   Control Resources
Communication Management	Plan Communications Management   Manage Communications   Monitor Communications

Topic	Content Covered
<b>Risk Management</b>	Plan Risk Management   Identify Risks   Perform Qualitative Risk Analysis   Perform Quantitative Risk Analysis   Plan Risk Responses   Implement Risk Responses   Monitor Risks
<b>Procurement Management</b>	Plan Procurement Management   Conduct Procurements   Control Procurements
<b>Stakeholder Management</b>	Identify Stakeholders   Plan Stakeholder Engagement   Manage Stakeholder Engagement   Monitor Stakeholder Engagement

## Module 7 **AGILE SCRUM MASTER**

Topic	Content Covered
<b>Agile Mindset and Principals</b>	This will cover introduction to Agile, Agile Mindset, Agile Manifesto and 12 principal on which Agile is based on   This will also cover other Agile Framework
<b>Scrum Event and Artifacts</b>	This will cover introduction to Scrum Process Flow   Scrum Framework   Scrum values   Scrum Roles & Responsibilities   Common Artifacts like Product Backlog
<b>Agile Planning, Monitoring and Control</b>	This will cover introduction will cover Product Incremental   Sprint Planning   Sprint Execution   Daily Scrum   Sprint Review Meeting   Retrospective Meeting   Burndown charts
<b>Scaling Agile</b>	This will cover introduction will cover Agile Framework   Scrum for complex projects and options for Scaled Agile

## Module 8 **BUSINESS ANALYSIS**

<b>BA Introduction and Fundamentals</b>	Business Analyst – Who, What, Why?   BA – qualities, skills, roles, responsibilities   Fundamentals of Business Analysis Hierarchical Structure of IT Team   IIBA, BABOK, CBAP, CCBA Overview   CMMI Overview   Project Stakeholder   Types of Stakeholder   Software Project and Types of Software Project   Software Contract and Types of Software Contract
<b>Software Development Life Cycle (SDLC)</b>	Introduction of SDLC   Need of a BA in SDLC   Phases of SDLC "SDLC Methods --> Waterfall Model and Agile, Scrum --> Iterative and Incremental --> V Model and Spiral Model" "SDLC --> Pre-requisites and Activities --> Common Criteria and Deliverables" Software Maintenance lifecycle model Software testing lifecycle model
<b>Requirement Engineering</b>	Why do we need good Requirements   Why do Project Fail?   Importance of Requirement – Statistics   What is Requirements Engineering   Role of a Business Analyst
<b>Requirements</b>	What are requirements? And Characteristics of Requirements   Types of Requirements   Business Requirements   User Requirements and System Requirements   Functional Requirements and Non-Functional   Requirements   Implementation Requirement and UI Requirements



Topic	Content Covered
<b>Requirements Process Flow and Requirements Framework</b>	Initial Exploration   Form Business Requirements   Provide Solution to satisfy Business Requirements   Create Functional Specifications/ Use Cases   Validate Requirements with Customer   Form SRS and Seek Approval Requirements Framework
<b>Requirements Elicitation</b>	Sources of Requirement Elicitation   Skills for Requirement Elicitation   Stakeholder Identification   Surveys and Questionnaire   Interviewing and Focus Group Interviews Brainstorming and Reverse Engineering   Prototyping and Wire Frames   JAD – Joint Application Development   Observation and Task Analysis   Domain Analysis and Personal Challenges in Requirement Elicitation
<b>Requirements Analysis</b>	Classifying and Prioritizing Requirements   Fish Bone Diagram – Causal Effect   Pareto’s Diagram – 80:20 Rule   Moscow Prioritization   Kano Analysis   Requirements Allocation and Validation   Requirements Pre-Review and Review Requirements Walkthrough and Sign Off
<b>Requirements Specification</b>	How to write Business Requirement document?   How to write Software Requirement specification   Introduction to Software Requirement Specification   Understanding SRS syntax with IEEE Standards   What are Use Case and Use Case Narrative?   Relationship between Use Cases   How to write Use Cases?   Use Case Narrative Flows - Primary Flow, Alternative Flow,   Exceptional Flow   Activity Diagram, Class Diagram, E-R Model, Sequence Diagram, State Diagram, Collaboration Diagram
<b>Requirement Engineering Project with Cases – Phase 1</b>	Business Process of existing system   GAP Analysis – PIECES Framework   Domain Properties and Stakeholders Feasibility Study   Evaluation of Alternatives using Cost – Benefit Analysis
<b>Requirement Engineering Project with Cases – Phase 2</b>	Use case Description and Use Case Diagram   Activity Diagram   What are Use Case and Use Case Narrative?   Relationship between Use Cases   How to write Use Cases? Use Case Narrative Flows - Primary Flow, Alternative Flow, Exceptional Flow   Pre-condition, Post-condition, Exception handling and Triggers
<b>Requirement Engineering Project with Cases – Phase 3</b>	Sequence Diagram   Class Diagram   Software Requirement Specification
<b>Scope Management</b>	Different dimensions of scope   Managing Scope at different stages of the Project   Product Scope and Project Scope   Issues in scope management   Measurement of Scope and Metrics
<b>Risk Management</b>	Steps in Risk Management   Risk Identification   Risk Analysis and Prioritization   Risk Response – Strategy, Actions & Response Owners   Risk Monitoring and Control Risk Management Documents
<b>Estimation Management</b>	Introduction to Estimation   The Importance of Estimation   What is Estimation?   The Estimation Process Overview Problems with Estimations   Estimation Techniques
<b>Customer Expectation Management</b>	Importance of CEM   Traditional and modern view   Understanding Customer and Managing Expectations   Issues in Customer Expectation Management   Handling Difficult Situations   Expectation Management Life-Cycle

Topic	Content Covered
<b>Quality Process Awareness</b>	Quality Management System   Concept of Quality   Metrics and Measurements   Defect Preventions   Defect analysis tools and techniques
<b>Business Communication Management</b>	Communication: Introduction   Email Communication   Teleconference and Meetings   Assertiveness and Scenarios
<b>Requirement Process, Planning and Management</b>	Understanding IT project hierarchy   Project Charter and Requirements Process   RACI Matrix and Requirements Planning   Work Efforts & Estimations   Managing Requirements   BA's plan to feed into Project Plan
<b>Prototyping</b>	Define Prototyping and Importance of prototyping   Types of Prototyping   Prototyping as methodology   User Interface Prototyping   Advantage and Disadvantages of Prototyping
<b>BA Deliverables - Documentation and Templates</b>	Business Requirement Document (BRD)   Use case document (USD)   Software Requirement Specification Document (SRS)   Change Request Process Document   Functional Requirement Specification (FSD)   Business Process Questionnaire Document   Project Requirement Management and development process Document   Scope management Document   Requirement Traceability matrix document
<b>UML Diagram</b>	Use Case Diagram and Class Diagram   Sequence Diagram and Collaboration Diagram   Activity Diagram and State Diagram
<b>Business Analysis Tools</b>	Rational Requisite Pro   Microsoft Visio – UML Tool   Team Foundation Server (TFS)   JIRA – Agile Tool   SVN – Configuration Management Tool   Axure – Prototype Tool
<b>Agile Methodologies</b>	The Product Backlog Creation   High-level Project and Process Plan   Sprint Planning Meeting   The Sprint and Daily Scrum Meetings   Sprint Review Meeting   Sprint Retrospective   Next Sprint and Repeat   Post-Sprint Functional Testing by PO   Pre-release Testing prior to Release to Customer   Release to Customer
<b>Business Analysis Process</b>	Requirement Development Process – For New Development Project   Requirement Management Process – For Maintenance Project   Change Request (CR) Process
<b>Software Project Management</b>	What is Project Management?   Project Management Phases   Project Management Knowledge Areas   Project Management Tools
<b>BABOK Structure – CBAP Certification Knowledge Areas</b>	BABOK Introduction   BABOK Knowledge Areas   Business Analysis Planning   Enterprise Analysis   Requirement Elicitation   Requirement Analysis   Solution Assessment and Validation Requirement Management and Communication
<b>Business Analysis Perspectives</b>	Agile Perspectives   Business Intelligence Perspectives   Information Technology Perspectives   Business Architecture Perspectives   Business Process Management Perspectives

**Module 9****DATA ANALYTICS IN LEAN SIX SIGMA**

Topic	Content Covered
<b>Fundamental of Data Analytics</b>	Data Analytics across Domains   What is Analytics?   Types of Analytics   AI vs ML vs DL vs DS
<b>Basics concepts in Statistics for Data Analytics</b>	Introduction to statistics and Central Limit Theorem   Measures of Central Tendencies and Measures of Spread   Descriptive Statistics with Real Time Examples   Measuring Scales   Inferential Statistics with Real Time Examples
<b>Advanced concepts in Statistics for Data Analytics</b>	Hypothesis Testing and Goodness of Fit test   Introduction to Statistical Tests Statistical Test with Real Time Example   Analysis of Variance(ANOVA) & Analysis of Covariance(ANCOVA)   Probability Theory for Data Analytics  Types of Probability Distribution
<b>Python essential for Data Science</b>	Python Intro,IDE and Python Packages   Python Programming   Python Data Types - Dictionary, List and Set   Numpy Packages - Array Handling and Manupulation   Pandas Packages - Dataframe and Loading Excel, CSV File   Matplotlib Packages - Line graph and Visualisation   Histogram, Scatter Diagram, Box Plot and Bar Graph   Area Chart, Dual Axis, Array reshaping, reverse matrix analysis   Python - Operators and String Manupulation   Control Structures (IF,IF-ELSE,IF-ELIF-ELSE,WHILE & FOR LOOP) Python - Data Preparation Process Python - Functions WITH and WITHOUT arguments Python - File Processing and Data Collection Methods Python - Time Series Analysis and Forecasting Python - Simple Predictive Analysis
<b>Data Science With Python</b>	Data Science with Python   Data Science Application across Multiple Domain and Business Function   Data Science Project LifeCycle   Multiple Predictive Model using Python   Python - Simple and Multiple Predictive Model in Practical   Python Correlation Analysis   Python Classification Model Building Data Science - Experimental Design Analysis   Classification Technique - Discriminant Analysis   Data Science - Association Rule - Apriori Algorithm   Data Science - Building Recommendation System - (Market Basket Analysis)   Data Architecture Design, Data Warehousing and it's Schema Design   Image Processing and Image Extraction   Image Processing and Object Recognition Summarisation of Data Science Algorithm (Data Science Process)

**Module 10****TOTAL QUALITY MANAGEMENT**

<b>TQM Basics &amp; philosophies</b>	Concepts Introduction   Development of the Importance of Quality Management   Quality and Public; Factors Affecting Quality   Total Quality Management: Introduction   Approach to Quality: Deming, Juran, Crosby, Kaizen, Shigeo Shingo, Ishikawa, Taguchi
<b>TQM Principles &amp; Quality Circles</b>	Strategic quality planning   Quality Councils – Employee involvement – Motivation, Empowerment, Team and Teamwork, Quality circles Recognition and Reward   Performance appraisal – Continuous process improvement – PDCA cycle, 5S, Kaizen   Supplier partnership – Partnering, Supplier selection, Supplier Rating   Quality circles Introduction & History   Quality circles Implementation   Quality circles Problem solving methodology

Topic	Content Covered
<b>TQM Tools &amp; Techniques</b>	The seven traditional tools of quality   New management tools   Bench marking – Reason to bench mark, Bench marking process   FMEA   Control Charts –process Capability   QFD   Taguchi Quality Loss function   TPM –Concepts
<b>Six Sigma Overview &amp; Black Belt</b>	Six Sigma Overview   Define Phase   Measure Phase   Analyse Phase   Improve phase   Control phase   Minitab Introduction and Applications
<b>Quality Standards</b>	Quality systems   Need for ISO 9000 – ISO 9001-2008 Quality System – Elements, Documentation   ISO 14000 – Concepts, Requirements and Benefits   TQM Implementation in manufacturing Sector

# CAPSTONE PROJECTS

<b>Lean Six Sigma Management</b>	Lean Six Sigma Project in Manufacturing Process
	Lean Six Sigma Project in Non Manufacturing Process
	Lean Six Sigma Project in Service Sector
	Lean Six Sigma Project in Pharmaceutical
<b>Project Management</b>	Create Project Charter
	Stakeholder Assessment Matrix
	Procurement- Calculate cost payable
<b>Agile Scrum Master</b>	Burndown Chart
	Create Velocity
	Sprint Backlog
<b>Business Analysis</b>	Online Recruitment Process

# IIBM PLACEMENT ACTIVITIES

## 1. Job Mailer

It is customized placement support. All students of IIBM Institute enjoy the privilege to access weekly job opportunities through their emails. According to the course completed or the candidate's preference for his opted job profile, it is a sneak-peek of the job market. It helps in sending applications/sorting job interviews for career progression.

## 2. Live session

It is customized placement support. All students of IIBM Institute enjoy the privilege to access weekly job opportunities through their emails. According to the course completed or the candidate's preference for his opted job profile, it is a sneak-peek of the job market. It helps in sending applications/sorting job interviews for career progression.

## 3. Career Assistance videos

These are 50 hours recorded motivational videos that will keep you motivated in realizing your dream job. Corporate leaders mostly record these videos, and the videos will help the students to build excellent and contemporary careers. These videos are created for a motivational boost of stamina and planning power.

## 4. Blogs & articles to send students

It is almost impossible to get the total view of the related job market unless you read the reviews and opinions of industry experts. IIBM understands this requirement; hence as one of their supports for placement assistance, the institute sends weekly mailer to all students the best blogs and articles on placement activities. The aim is to offer unique insight into the placement to yield the best result out of their professional efforts.

## 5. Promotional videos

Promotional videos are mailed to all IIBM India students, and these videos will help students to stay focused on the road to success, new job opportunities, and personal grooming. These videos will allow students to stay charged and energized until they can crack the job challenge.

## 6. Placement officer guidance

The placement officer of IIBM Institute offers their industry experience to help the students get the job. The recommendation may vary from one aspirant to another, depending on the skill level, merit skill, and resume. The guidance can help in getting a better foothold in the industry.

## 7. Corporate Mentorship

It is all about professional advice and consistent guidance for career progression by an industry leader. The mentorship will help you bridge the gap between the job market, the knowledge, and the student's aptitude. The mentorship will keep every student updated with the latest technology used in the corporate world.

## 8. Tie up with Naukri portal/or similar

The institute will offer you placement-related advises to distribute it through the most popular and efficient job portals. It will create a lifelong professional backup for you. You will get consistent job-feeds from these portals, and you can keep on updating your resume.

## 9. Mock interviews

The recruitment experts conduct the mock sessions replicating a professional interview session, and it will prepare you to face the most challenging interview sessions. This practice session will help you rectify your body language, quick answering/responding ability, brush up on your communication skill, etc.

## 10. Resume writing format

Creating a well-formatted resume helps in pulling the attention of the employers. IIBM offers professional guidance and training for creating a well-formatted resume to attract the best review/impression from potential employers.

## 11. Placement-oriented guest lectures

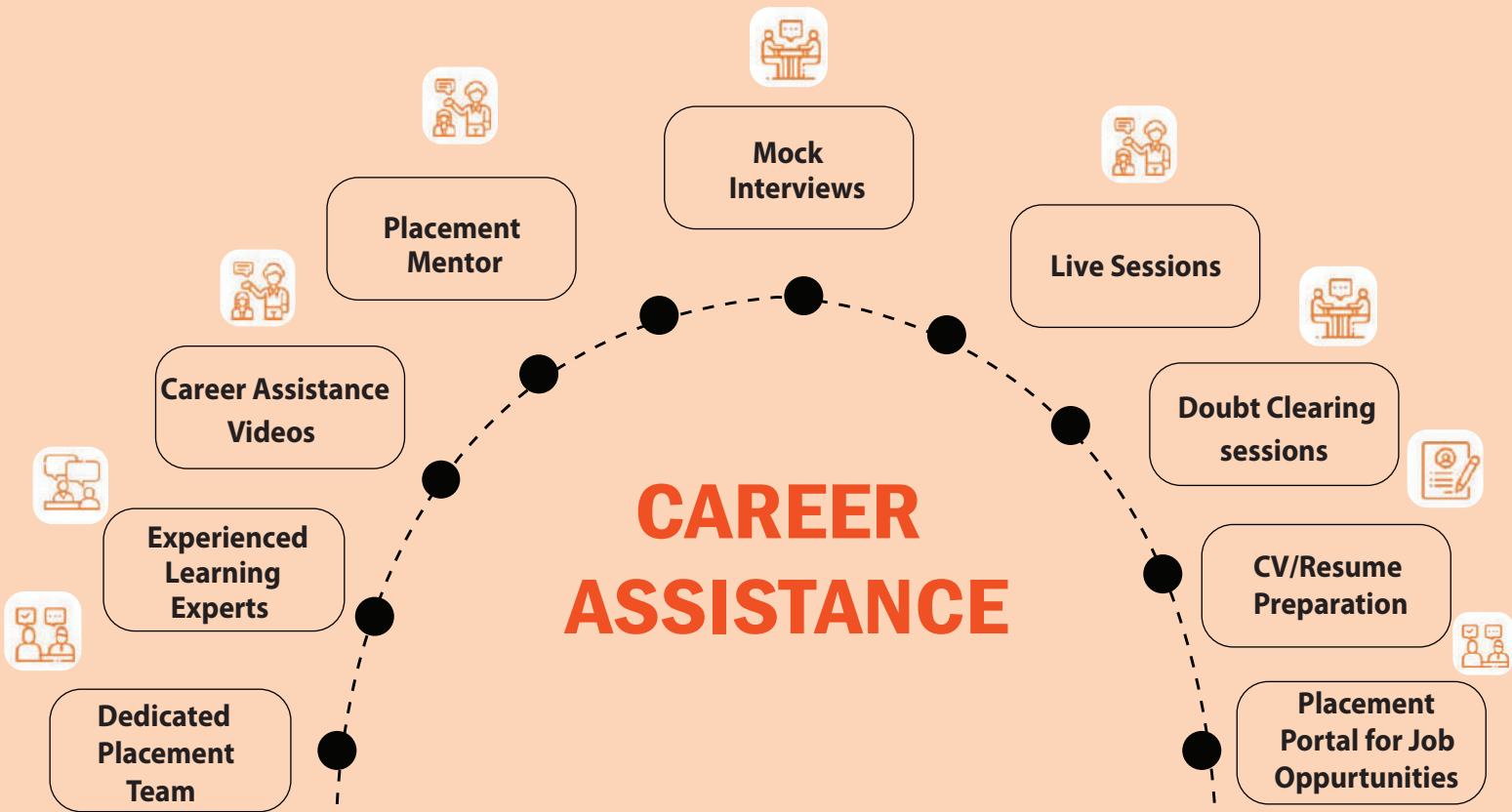
Placement-oriented guest lectures are one of the most effective placement assistance from IIBM Institute. These lectures are given by expert recruiters, HR people placed in important human resource departments in MNC or public sectors, and placement agency CEO, COO, etc., to get an insight into the job market, job search, and job acquisition.

## 12. Our Job portal

IIBM India maintains their job portal: [www.jobsalert.co.in](http://www.jobsalert.co.in). The students will get access to this dynamic job portal where lucrative career opportunities are found under the placement assistance. Students may not get on other general job search portals.

# CAREER DEVELOPMENT

## 100 % JOB PLACEMENT



# MENTORSHIP

Our Industry mentor and a dedicated placement team will guide you with :

## **ACADEMIC ASSISTANCE**

- Provide unparalleled support and guidance.
- Help execute in- class assignments and case studies.
- Discuss & identify learning gaps and other solutions such as refresher sessions and one-on-one project feedback.

## **CAREER ASSISTANCE**

- Maintain close interaction with students during the career assistance and placements phase of the program.
- Talk you through industry insights and best practices.
- Provide you with interview tips and job search advice.

## **MONITOR PROGRESS**

- Set learning Goals.
- Discuss your progress status with trainers and other industry mentors on a regular basis to ensure consistent advancement.

# PROGRAM FACULTY & TRAINERS

## TRAINERS

### RAJESH.M



1. Has been associated with industries, training institutes as consultant in the areas of 5S , Six sigma , Lean certification , Quality Improvement.
- 2.Trainer for CII (Confederation of Indian Industries) – Andhra Pradesh for Quality tools, Six sigma.

**Qualifications:** Master degree in Production technology Bachelor degree in Mechanical Engineering, Diploma in Training & Development, currently doing MBA program in Data Analytics and Business Excellence.

### DINESH BABU-R



Urban Pro Excellence Award Winner in Data Science Professional) Senior Business Analyst in the MNC, Part time , providing Business Analysis as well as Data Analysis Training to both Indian as well as overseas students.

**Qualifications :** B.Tech and MBA ( Finance & Operation ) , Ph.D in Data Analysis.

### MANDAR A. DESHPANDE



1. Result oriented Project Manager with 16+ years of experience managing and delivering Business Intelligence / Data warehousing/ Data Analytics projects.
2. Experience in Training in Project Management Methodologies including PMP,CAPM, Agile, Scrum, Kanban, Business Analysis.
3. Experience in Training Project Management Tools like JIRA, Microsoft Project.

**Qualifications :** Master in computer science

## PLACEMENT MENTORS

### ANOOP MATHEW



He has trained more than 500 teachers on Engineering Pedagogy and Digital Transformation. He guided nearly 60 PG projects and 40 UG projects. He dealt teaching engineering to approximately 1500 students in his teaching career.

**Qualifications :** M.Tech (power electronics), MBA-HR, PhD in power quality improvement

### DEVENDRA KUMAR



He is an extra ordinary performer in the field of Training & Placements from last 8 years . He has worked with many well known colleges/Universities. Has got exceptional performance award in the domain of students career counseling and mentoring. With high level of networking in corporates.

**Qualifications :** M.B.A (Marketing & Finance )



# DIVERSE JOB POSITIONS

Lean Six Sigma Consultant

Lead Manufacturing Engineer

Data Scientist

Project Engineer

Quality Process Manager

Process Development Engineer

Business Process Analyst

Senior IT Project Manager

Quality Control Executive

Quality Analyst

## IIBM CANDIDATES WORKING IN COMPANIES BELOW

IIBM INSTITUTE OF BUSINESS MANAGEMENT

[www.iibminternships.com](http://www.iibminternships.com)