



SACRED
HEART
COLLEGE
Autonomous



FACULTY DEVELOPMENT
PROGRAMME (OFFLINE)

Data Driven Decision Making and Six Sigma for Quality Management & Industry Excellence

7-12 SEPTEMBER 2026

Organised by
Sacred Heart College
(Autonomous), Kochi



In collaboration with
ATAL Academy



IQAC
S H COLLEGE

Program Coordinator

Prof. (Dr.) Suleena V S
Professor,
Sacred Heart College
(Autonomous), Kochi

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DETAILS OF FDP



PROPOSED DURATION: **6 days**



MODE: **Offline**



VENUE: **Sacred Heart College, East Campus**

SACRED HEART COLLEGE (AUTONOMOUS)

Sacred Heart College (Autonomous), Thevara, Kochi, is a grant-in-aid autonomous college affiliated with Mahatma Gandhi University, Kottayam, Kerala, and managed by the CMI Congregation, founded by St. Kuriakose Elias Chavara, the first Christian saint of Kerala. Established in 1944 as a higher education institution for men under minority rights, the College began admitting women in 1975 and serves all sections of society without discrimination. It offers 31 UG, 21 PG, one PG Integrated, and eight Doctoral programmes. The College holds A+ NAAC accreditation, UGC autonomous status, and ranks 44th in NIRF 2025.

Our Patrons

Rev. Fr. Varghese Puthusserry CMI Manager,
Prof. (Dr.) Franklin J Principal

DEPARTMENT OF MANAGEMENT STUDIES

The Department of Management Studies offers four industry-oriented programmes: BBA (Integrated Marketing & New Media), BBA (Business Analytics), BBA (Logistics & Supply Chain Management), and a one-year Post Graduate Certification in Management (PGCM) in Business Analytics in collaboration with IBM. These programmes combine academic knowledge with practical learning, industry exposure, internships, projects and skill development, preparing students for successful careers in emerging and dynamic business domains.

OBJECTIVES OF THE FDP

To develop an understanding of Six Sigma principles, quality management, and data-driven decision-making.

To equip participants with practical knowledge of the DMAIC methodology and analytical tools.

To enhance analytical, critical-thinking, and problem-solving skills through practical learning.

To provide exposure to industry practices and real-world case studies.

To promote continuous quality improvement, operational excellence, and institutional effectiveness.



RESOURCE PERSONS



Prof. (Dr.) Gabriel Simon Thattil
Academic Director, Loyola
College, Trivandrum
Former Director - IQAC
University of Kerala



Dr. Gopal Sivakumar
Six Sigma Master Black Belt
CEO & Chief Mentor
Vision Excellence



Mr. Rajeev Srinivas, PMP®
Head – Academic
Alliances Group (Kerala),
Tata Consultancy
Services (TCS)



Dr. Nimitha Aboobaker
Assistant Professor
School of Management
Studies, CUSAT



Mr. Nommy Paul
Director – Communication
Engineering
Amentum, Bangalore



Ms. Seema Sunil
Certified Six Sigma Black
Belt, Founder - The Happiness
Quotient, (Former GM,
Vodafone Idea)



Ms. Sangeetha Rajesh
Six Sigma Black Belt
Trainer, Consultant
HR & TQM Consultant



Mr. M. C. Jose
HoD, Interdisciplinary Studies,
Sacred Heart College
Statistician, Six Sigma Data
Analysis Expert



Ms. Srilaksmi V. H.
Associate Manager – HR
(South Region)
Crompton Greaves.

ABOUT THE FDP

The proposed ATAL Faculty Development Programme (FDP) on Data-Driven Decision Making and Six Sigma for Quality Management and Industry Excellence is designed to enhance participants' conceptual knowledge and practical skills in data-driven decision-making and quality management. The programme will be delivered by experienced industry experts,

including certified Six Sigma professionals, through expert sessions, industry-relevant case studies, interactive discussions, demonstrations, and hands-on activities. Participants will gain practical exposure to the DMAIC (Define–Measure–Analyze–Improve–Control) methodology and Six Sigma tools for solving real-world organisational challenges. The FDP adopts an experiential learning approach to promote analytical thinking, continuous improvement, and institutional excellence.

FDP SCHEDULE FOR THE TEN SESSIONS



- 1 **7/9/2026** 9:30 am – 12:00 pm
Reforms in Higher Education under NEP 2020: Need for Data -driven Quality Management and Six Sigma
Dr Gabriel Simon Thattil
- 2 **7/9/2026** 2.00 pm – 4.30 pm
Application of Six Sigma for Quality Improvement in Higher Education Institution
Dr. Gopal Sivakumar
- 3 **8/9/2026** 9:30 am – 12:00 pm
Introduction to Quality management and Six sigma
Ms. Sangeetha Rajesh
- 4 **8/9/2026** 2.00 pm – 4.30 pm
Six sigma Methodology – Root cause Analysis
Ms. Seema Sunil
- 5 **9/9/2026** 9:30 am – 12:00 pm
Six Sigma Process Improvement Measures and Control Chart
Mr. Nommy Paul
- 6 **9/9/2026** 2.00 pm – 4.30 pm
Applications of statistical tools for Six Sigma Analysis.
Mr. MC Jose
- 7 **10/9/2026** 9:30 am – 12:00 pm
Introduction to Data Driven Decision Making – The importance of DDDM in Academy and Industry
Dr. Nimitha Aboobaker
- 8 **10/9/2026** 2.00 pm – 4.30 pm
Six Sigma in the Corporate World: Enhancing Quality, Efficiency and Performance
Mr. Rajeev Srinivas
- 9 **10/9/2026** 2.00 pm – 4.30 pm
Career Pathways in Six Sigma Skills, certifications and Opportunities in Process Excellence
Ms. Srilaksmi V H
- 10 **12/9/2026** 9:30 am – 12:00 pm
From Data to Dominance: Six Sigma in Marketing for Market Leadership – a Case Study
Mr. Raghunandan C

Programme Coordinator

Prof. (Dr.) Suleena V S, HoD, Department of Commerce, East Campus

Co Coordinator

Mr Raghunandan C, HoD, Department of Management Studies, Ph:9847058774

Event Coordinators

Mr Bichu S Nair Assisnant Professor, Ph: 98470 08732

Dr. Jamshi J Assistant Professor, Ph: 94476 75248

Mr Rjil Paul Assistant Professor, Ph: 884 800 6265

To register, please scan the QR



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