



**TKM INSTITUTE  
OF MANAGEMENT**



**Faculty  
Development  
Programme**

**Hands-on Training Programme  
on Basic Quantitative  
Data Analysis Techniques  
Using IBM SPSS**

**21<sup>st</sup> February 2026**





## TKM INSTITUTE OF MANAGEMENT

TKM Institute of Management (TIM), located at Musaliar Hills, Ezhukone, near Kollam, is one of Kerala's premier B-schools. For over three decades, TIM has built a distinct reputation in management education through strong academics, industry linkages, placements, research, and community initiatives. Its MBA program, affiliated with the University of Kerala and approved by AICTE, has earned continuous NBA accreditation for three cycles. TIM has consistently nurtured competent professionals who hold key positions in leading organizations across India and abroad. The institute is one among the eight prestigious institutes coming under the Thangal Kunju Musaliar Trust established in the year 1956.

## CENTRE FOR PROFESSIONAL DEVELOPMENT AND CONTINUING STUDIES

The Centre for Professional Development and Continuing Studies at TKM Institute of Management is a vibrant platform for continuous learning, professional excellence, and industry engagement. It offers Faculty and Management Development Programs on emerging topics for professionals across regions, along with certificate programs delivered independently or through collaborations with centres of excellence. By forging MOUs with institutes and professional bodies, it enables joint initiatives of mutual benefit. Its activities—guest lectures, TIM Talks, seminars, workshops, and applied projects—foster industry interaction, skill enhancement, and networking. With expert guidance and strong partnerships, the Centre empowers professionals to thrive in a dynamic world.





## BRIEF OVERVIEW OF THE PROGRAMME

The Faculty Development Programme (FDP) on “Hands-on Training Programme on Basic Quantitative Data Analysis Techniques Using IBM SPSS” is designed to equip faculty members, research scholars, and professionals with essential skills in quantitative research and statistical analysis. The programme focuses on providing a practical, application-oriented learning experience using IBM SPSS, one of the most widely used software packages for social science, management, and applied research.

## PROGRAMME OBJECTIVES

To capacitate Researchers (Scientists, Teachers, Research Guides, Research Scholars and PG Students) of all disciplines, in understanding the various quantitative Data Visualization/Analysis Procedures using IBM SPSS Statistics.

## CONTENTS OF THE PROGRAMME (TOPICS COVERED)

Introduction to SPSS/Installations/File Operations, Creating and Editing a Data File, Data Exploration, Managing Data (Missing Values, Outliers, and Normality.) Reliability Analysis, Descriptive Statistics, Univariate/Bivariate Analysis/Multivariate Analysis (Parametric & Non-Parametric Tests) Correlations/Regressions/Regression Diagnostics, Graphs and Charts: Creating and Editing, Basics of Principle Component Analysis / Confirmatory Factor Analysis

## BRIEF PROFILE OF THE RESOURCE PERSON (FACULTY PROFILE)

Prof Alex Koshy is an Assistant Professor in the Operations department at the TKM Institute of Management. A distinguished consultant and trainer in the field of Management, Research and Business Analytics with more than 20 years of experience in research and academia.

## TARGET AUDIENCE

Faculty members, Research Scholars, Research Analysts and Consultants, PG Students.

## METHODOLOGY

Hands-on Training Programme



**Date**  
**21<sup>st</sup> February**  
**2026**

**Registration Fees**  
**Rs. 1000**  
**25% off for**  
**final year students**

**Contact Details**  
**Prof. ALEX KOSHY**  
**alexkoshy@tkmim.ac.in**  
**9895496006**

# FDP & MDP CALENDAR 2025 - 2026



1	<b>UNLOCK YOUR POTENTIAL: AN INTRODUCTION TO NEURO LINGUISTIC PROGRAMMING</b> DR. SANTHOSH V. A	08-11-2025
2	<b>BRAND BUILDING: THE MANTRA OF SURVIVAL</b> DR. THOMAS MICHAEL	29-11-2025
3	<b>FUTURE READY SCHOOLS: FOSTERING ENTREPRENEURSHIP AND INNOVATION</b> PROF. AZHAR BASHEER	06-12-2025
4	<b>PROCESS INNOVATIONS FOR BUSINESS EXCELLENCE IN A RAPIDLY CHANGING ENVIRONMENT</b> DR. A. VISWANATHAN	17-01-2026
5	<b>BUILDING COMMUNICATION COMPETENCY: FDP ON INTERPERSONAL COMMUNICATION &amp; NON-VERBAL CUES</b> Dr. KARTHIKA. M	31-01-2026
6	<b>QUANTITATIVE DATA ANALYSIS TECHNIQUES USING IBM-SPSS STATISTICS</b> PROF. ALEX KOSHY	21-02-2026
7	<b>ENHANCING SALES SKILLS IN MODERN ERA</b> PROF. ANIL KUMAR. R	28-02-2026
8	<b>FINTECH INNOVATIONS &amp; BEHAVIOURAL SHIFTS: THE FUTURE OF FINANCE</b> PROF. NISHA. S	14-03-2026
9	<b>EFFECTIVE TEACHING USING CASE METHODOLOGY</b> PROF. T. ABDUL KARIM MUSALIAR	28-03-2026
10	<b>TIME SERIES ANALYSIS FOR BUSINESS APPLICATION USING E-VIEWS.</b> PROF. MILAN SAM MATHEW	11-04-2026
11	<b>MASTERING PERSONAL FINANCE; BUDGETING, SAVING &amp; SPENDING SMART</b> PROF. RINCY RAJU	25-04-2026
12	<b>SG INTELLIGENCE: THE FUTURE OF RESPONSIBLE FINANCIAL RESEARCH.</b> DR. ANJALY. H	06-06-2026
13	<b>GAMIFICATION IN EDUCATION: TRANSFORMING TEACHING INTO AN ENGAGING EXPERIENCE</b> PROF. CHANDINI DEV	20-06-2026
14	<b>PROGRAMMING AND POWER BI</b> PROF. ARATHY. A	11-07-2026
15	<b>REDESIGNING CLASSROOMS: A HANDS-ON FDP ON DESIGN THINKING &amp; EXPERIENTIAL TEACHING</b> PROF. SHAJIN. P	25-07-2026

**MDP & FDP  
Co-ordinator**

**Dr. Thomas Michael**  
Professor & Dean, TKMIM.  
+91 9443441979  
thomas.michael@tkmim.ac.in

For more details scan

