FDP in Pedagogy and Research Methods
April 06 to May 20, 2027

A brief description of courses in the FDP

The candidates who will join the FDP in Pedagogy and Research Methods will be required to complete the following six courses.

- Case Method in Management Education
- Communication for Management Teachers
- Crafting and Publication of Research
- Psychometrics and Structural Equation Modeling
- Qualitative Research Methods
- Quantitative Research Methods

This document gives a summary of the content of the courses. Kindly note that descriptions only provide a broad idea of the topics. Individual faculty members may make alterations to the content, as may be appropriate for their course.

The courses are:

1. **Case Method in Management Education**
   IIMA pioneered the Case Method in management education in India more than five decades ago. Here is an opportunity for you to learn about this participant-centered method of learning. We will focus mainly on the traditional and time-tested view of the method as a discussion-based method that invites participants to involve themselves in real-life situations, take on roles and play these roles effectively. We will also touch upon recent developments that have resulted in the method being adapted to a more contemporary learning context. We will begin with the teaching dimension of the method. Then we will move on to a key feature of the course: preparation of a teaching case and its instructor manual. Participants will work in groups on the development of real-life cases.

2. **Communication for Management Teachers**
   This course offers you an opportunity to reflect on (a) your teaching practice, identify areas for improvement and practice some of the instructional strategies we will be discussing, (b) your academic writing skills. Multiple approaches to teaching are becoming increasingly commonplace; participant-centered teaching is no longer a novelty. Yet, systematic training for proficiency in using some of these non-lecture methods is often missing. In this course, we will consider some of these methods and create opportunities for you to practice them. We achieve the latter in two ways. First, towards the end of the course, there will be practice teaching, as part of which you will teach your fellow participants. Second, during many of the regular classroom sessions, you will be expected to lead the discussion on the assigned topics. A second objective of the course is to improve your academic writing skills. Management teachers are now being called upon to write on a variety of topics in a range of forms like research articles,

review papers, book reviews, manuscript reviews, monographs and books. We will cover the basics of academic writing and engage in a few writing exercises.

3. **Crafting and Publication of Research**
   The course aims to deepen the understanding of basic research concepts and develop skills for conducting and publishing research. The course will be conducted in an interactive manner aided by in – class exercises, short individual and group assignments. Towards the end of the course, participants will be expected to develop a research proposal: come up with research question (s), formulate hypotheses, write a review of relevant literature, decide about the methodology and write the methods section for the proposed study. Detailed instructions for each exercise will be provided in the class. Being ready with the assigned readings and completing the designated exercises is essential to the learning from the course.

4. **Psychometrics and Structural Equation Modeling**
   The purpose of this course is to introduce to the participants the central concepts of psychological measurement and analysis. The course will cover topics such as reliability, validity, exploratory factor analysis, confirmatory factor analysis and path analysis using Structural Equation Modeling (SEM). Participants will also be introduced to the ideas of mediation testing, moderation testing and multilevel modeling. The course will be a practice-oriented course and will provide working knowledge of the topics using statistical software R.

5. **Qualitative Research Methods**
   The objectives of this course are to orient participants to the various qualitative data collection and analytical techniques and to help them to successfully implement the same during the duration of the course. The course will deal with issues related to research design and sampling, data collection methods, analysis of qualitative data and validation and trustworthiness.

6. **Quantitative Research Methods (QUANT)**
   Management research as a field is moving in the direction of "causal inference". As a result, publishing in top journals now often requires applying sophisticated experimental and quasi-experimental research tools. This course has been designed to provide participants an overview of the most often used statistical tools of causal inference. The aim is to instill a sound understanding of both the underlying theoretical basis of each of the tools as well as their application to real-life management research questions. Readings from diverse areas of management and top-ranked publications will be discussed to gain a deeper understanding of causal research designs in management research. By the end of the course, participants will gain a strong foundational understanding of the various tools and will be equipped to build advanced skills on their own, which they can apply to their own research.

Note: These are indicative list of courses based on the last offering. Individual Faculty members may make alterations to the title and/or content of the courses as may be appropriate.