



N. L. Dalmia[®]
Institute of Management Studies and Research
(A School of Excellence of N. L. Dalmia Educational Society)

FDP

**Psychometrics and
Scale Construction
in Social Sciences**

(Monday to Thursday, 4 to 8 April, 2022)

Conducted by
Prof. Vishal Gupta | Associate Professor, OB Area
Indian Institute of Management
(IIM) Ahmedabad

FOCUS OF THE FDP:

Measurement is fundamental to social sciences research and application. However, measurement also represents one of the greatest obstacles that the social scientists face, both in terms of daily practice and in terms of the reputation of the discipline. The purpose of this course is to introduce to the participants the central concepts of measurement. The course takes a “nuts and bolts” approach, covering the critical aspects of psychometric theory including test construction, item analysis, reliability, validity, and measurement error. The seminar will be structured around a framework of measurement principles and will be based on a combination of theoretical and practice-oriented sessions that will provide working knowledge of concepts using statistical software like SPSS and AMOS.

A collage of study-related items including a calculator, a clipboard with a pen, and a pair of glasses.

***Social Science
Research***



LEARNING OBJECTIVES:

1. Understand the process of designing a measure, the steps involved, and guidelines that must be followed at each step;
2. A nuanced understanding of the conceptual foundations of instrument construction and development, including basic mathematical and statistical principles.
3. Develop understanding of psychometric issues relevant to development of measures;
4. Understand the issues of reliability, validity and measurement error;
5. Be able to critically evaluate soundness of a test based on scientific criteria;
6. Become sensitive to ethical issues, test biases; and
7. Get hands-on training on statistical analysis packages SPSS and AMOS.

▼ WHO SHOULD ATTEND?

This FDP is designed for researchers working in social sciences (OB, HRM, Marketing, Strategy, Communication, etc.) who are interested in developing their own scales or are using established scales for measuring constructs in their research work. Researchers who are using surveys for their research work will benefit from this FDP.

REGISTRATION FEES AND DETAILS:

Registration fee for participants
Indian Participants : INR: 2000/-
International Participants: USD: 100/-

IN ORDER TO REGISTER FOR THE FDP, PLEASE MAKE THE PAYMENT AT:

Beneficiary Name
N. L. Dalmia Institute Of Management Studies and Research
Bank Name: Axis Bank Ltd.
Account No: 915010013759623
IFSC Code: UTIB0000573
Type of Account: Saving



After making the
payment, please
register at:

[https://forms.office.com/r/
GJ1ej7F7yt](https://forms.office.com/r/GJ1ej7F7yt)



**Last Date for
Registration:**

Registration will close on **March 31, 2022** or when the seats of the FDP are filled (whichever is earlier). In the view of the restrictions on the participants by IIM A Facilitator seats of the FDP are limited to 80 in number. The registration will be purely on first-come-first-serve basis.

ABOUT THE FACILITATOR

PROF. VISHAL GUPTA

**Associate Professor,
IIM Ahmedabad**



Vishal Gupta is an Associate Professor in the Organizational Behavior Area at the Indian Institute of Management Ahmedabad, India. He obtained his doctorate in Human Resource Management from the Indian Institute of Management Lucknow, India, in 2013. His PhD thesis on 'Leadership in Public Sector R&D Organizations' was awarded the 'Outstanding Doctoral Dissertation' award in the year 2013-14 in Leadership & Organizational Development category by European Federation for Management Development and the Emerald Group Publishing. He was recognized as an Emerging Psychologist by the National Academy of Psychology, India in 2014. In 2016, he was conferred the Young Scientist Award in Social Sciences Category by the National Academy of Sciences India and Scopus (Elsevier). He is the President of the Indian Academy of Management. His research has been published in international and national journals of repute and has been covered by dailies like The Times of India, Business Line, Ahmedabad Mirror, Mint and DNA.

His webpage is: www.iima.ac.in/~vishal

ABOUT US



Located at Mira Road, N. L. Dalmia Institute of Management Studies and Research (NLDIMSR) was established in the year 1995 by the late Shri Niranjnlalji Dalmia with the vision to become a world-class management Institute. Currently, we rank among the top B-schools of India and one of the most preferred business schools in Mumbai.

We commenced our academic program in the year 1997 and are known for being one of the fastest evolving B-schools in India today. We believe in creating, nurturing and transforming business leaders through academic rigour, coupled with holistic exposure to the industry.

NLDIMSR offers a 2-year full-time PGDM (AICTE approved), and a one plus one Global MBA degree in partnership with University of Wisconsin, Parkside, USA (AACSB Accredited State University) apart from being a recognised Research Centre for Ph.D. programme of University of Mumbai. Adhering to our long-term vision and looking at the ever-expanding role of data to make better organizational decisions, we recently flagged off the 11-month PG programme in Big Data and Advanced Analytics with SAS.



**THE INSTITUTE IS ISO 9001:2015
CERTIFIED AND HAS BEEN
ACCREDITED 'A' GRADE BY NAAC**

Our faculty has established industry veterans and scholars with their research papers published in various prestigious national & international journals. Our scrupulously designed curriculum empowers students to meet the evolving industry requirements and updates them with the latest trends. At the end of the first year, as a part of the curriculum, our students are encouraged to take up full-time internships to get hands-on industry experience and understand the corporate culture.

We have been growing strength to strength since 24 years, striving to establish new norms of excellence and fast emerging as a prominent B- School in India. The Institute has seen consistently high ratings in terms of recruiter perception, with students serving as successful ambassadors in reputed firms.

CONTACT US

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