



भारतीय प्रबंध संस्थान शिलाँग
Indian Institute of Management Shillong

FACULTY DEVELOPMENT PROGRAM

ON QUANTITATIVE RESEARCH METHODS

SUMMER SCHOOL

MAY 26- JUNE 2, 2025



Objectives of the program

This faculty development program is designed to enhance the understanding and skills in quantitative research methods among the participants in the domain of management and social science education. This program endeavours to equip participants with an understanding of quantitative research concepts and explores various methods of data collection, including surveys and experiments. It would further introduce statistical tools and techniques used in quantitative analysis, such as regression, factor analysis, structural equation modeling (SEM), and multi-criteria decision-making (MCDM). It would provide hands-on opportunities to apply learned techniques to actual or simulated data. Overall, it would focus on aiding participants with the latest tools and methodologies in quantitative research and upgrading competencies in undertaking research.

For Whom

The program is designed for educators and researchers associated with business schools, universities, colleges, and technical and professional institutes, either working or willing to work in the field of management. The program is also open for individuals teaching in staff training colleges, training centers of industrial organizations, and staff training institutes of central and state governments that teach business management and allied subjects. It is particularly suited for educators, researchers, and entry-level industry professionals willing to strengthen their understanding of current trends in management and social science research. Research scholars who intend to take up the role of educators would also benefit from the program.

PROGRAM CONTENTS

The program consists of the following topics:

- Concepts in Quantitative Research
- Survey design and data collection
- Introduction to statistical tests
- Working with factor analysis, cluster analysis, discriminant analysis
- Regression analysis: Linear and Multi Variate

- Structural equation modeling (SEM)
- Multi-criteria decision-making techniques (MCDM)
- **Notes:** The data analysis will be performed using statistical software like SPSS/Stata/R.



CERTIFICATION

All students who successfully complete the program will earn an IIM Shillong - Summer FDP Program on Quantitative Research Methods - Certificate of Participation.

Duration and time, important deadlines, and fees

- Dates: May 26 to June 2, 2025
- Venue: IIM Shillong Campus
- Program fee: ₹ 44,000 (Including GST),
- Fee for early bird - ₹ 39,000 (Including GST)
- Fee with group discounts (3 minimum participants from an organisation) - ₹ 38,000 (Including GST)
- Last date for application: April 30, 2025
- Shortlisting of candidates: May 1, 2025
- Early bird and group discounts benefits: May 7, 2024
- Last date for payment of fees: May 15, 2025

Application form and brochure are available online: April 10, 2025

ACCOMMODATION

Boarding arrangements will be provided in hostel rooms at IIM Shillong, single occupancy with attached washrooms. These would be made available from 25th May till 2nd June, 2025.



ABOUT IIM SHILLONG

IIM Shillong, the seventh IIM in India, has been set up with a vision to become an internationally recognized Management Institute with a Global outlook grounded in Indian values. From its inception it has been constantly working towards its lofty mission to generate and disseminate knowledge in all aspects of management education with focus on sustainability and building innovative leadership.

TRAVELLING TO SHILLONG

Shillong can be reached by taxi from Guwahati airport/railway station which is about 120 km away. Guwahati airport is well connected to many major cities in India including Bangalore, Chennai, Delhi, Mumbai, and Kolkata. Helicopter services are also available between Guwahati and Shillong. Shillong is connected to Assam, Manipur, Tripura, West Bengal and New Delhi through direct flights.

Nestled in the pine-clad hills of Meghalaya, Shillong is a captivating hill station that enchants visitors with its cool climate, colonial charm, and scenic landscapes. Often dubbed the “Scotland of the East,” this vibrant city offers a perfect blend of nature, culture, and modernity, making it a must-visit destination for travelers seeking serenity and adventure. Make this an opportunity to add to your expertise in quantitative technique as well as experience the serenity of the region.

TOP PLACES TO VISIT IN AND AROUND SHILLONG

- 1. Umiam Lake (17 km from Shillong):** A breathtaking man-made reservoir surrounded by green hills, Umiam Lake is ideal for picnics, kayaking, boating, and nature photography. Its serene waters mirror the sky, creating postcard-perfect views.
- 2. Shillong Peak (10 km from city center):** At 1,965 meters, Shillong Peak is the highest point in the area, offering panoramic views of the city, the Himalayas, and Bangladesh plains. It's a great spot for sunrise and sunset lovers.
- 3. Elephant Falls (12 km):** A stunning three-tiered waterfall surrounded by lush greenery; Elephant Falls is one of the most popular natural attractions near Shillong. It's an easy and refreshing hike to reach all three levels.
- 4. Ward's Lake (within city):** Located in the heart of Shillong, this horseshoe-shaped lake is perfect for paddle boating, taking a stroll along flower-lined paths, and enjoying the peaceful garden surroundings.
- 5. Laitlum Canyons (23 km):** A hidden gem on the outskirts of Shillong, the Laitlum Canyons are a trekker's paradise. The sweeping valley views, misty cliffs, and serene silence make this spot an unforgettable experience.
- 6. Mawphlang Sacred Forest (26 km):** An ancient forest protected by local traditions, known for its biodiversity and spiritual significance. A guided walk through this sacred grove reveals tales of Khasi culture and nature's wonders.
- 7. Mawlynnong – 78 km:** Voted the "Cleanest Village in Asia," Mawlynnong impresses with spotless surroundings, bamboo walkways, and a unique living root bridge nearby at Riwai.
- 8. Dawki – 82 km:** Home to the crystal-clear Umngot River, Dawki is a paradise for boat rides over water so transparent that boats appear to float on air. It's a surreal and unforgettable experience.
- 9. Cherrapunji (Sohra) – 54 km:** One of the wettest place on earth, Cherrapunji boasts massive waterfalls like Nohkalikai and Dainthlen, limestone caves, and living root bridges. A must-visit for lovers of rain and raw nature.

and many more..

**FOR ANY CLARIFICATION AND FURTHER
INFORMATION, CONTACT RESEARCH OFFICE.**



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TIME: 10 AM – 5:00 PM