



INDIAN INSTITUTE OF TECHNOLOGY
HYDERABAD

भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

IMPACT EVALUATION IN SOCIAL SCIENCES



A FOUR-WEEK MASTERCLASS IN IMPACT EVALUATION

Schedule

June 03 to June 30 2024
(Monday to Friday)
10 AM- 3 PM

Venue

IIT Hyderabad campus, Telangana
(Hostel facility subject to availability)

Prerequisites

Basic training / knowledge in statistics at the undergraduate level is required

Fees - INR 20,000

(excluding hostel and mess charges)

Early Bird Registration Discount - INR 5000

Last Date for Registration: 20th May 2024

(details of accomodation charges available in the registration form)



Register by 30th April 2024 to enjoy the early-bird discount!



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INSTRUCTORS



Dr. Mahati Chittem

**Associate Professor
(Psychology)**

**Department of Liberal Arts,
IIT Hyderabad**



Dr. Gaurav Dhamija

**Assistant Professor
(Development Economics)**

**Department of Liberal Arts,
IIT Hyderabad**



REGISTER NOW

**Scan the QR code or use the
link below**

<https://forms.gle/ZEiSedMA8ZZ4qEdR9>





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COURSE CONTENT



- Introduction to using qualitative / quantitative / mixed methods for impact evaluation
- Thematic analysis + IPA, Content analysis + Narrative analysis
- Framework analysis + Case studies
- Types of interviews and data collection (FGD, one-on-one, formative vs summative designs, observational data, note-taking)

Week

01



- Type of Variables
- Probability Distribution Functions, Probability Density Functions
- Two moments of Distributions, Normal Distribution, Student's T distribution
- Small and Large Sample Properties of Estimators, Point Estimation
- Type I and Type II errors, Interval Estimation
- Introduction to Regression Analysis: Simple Linear Regression
- Ordinary Least Squares Estimation

Week

02



- Multiple Linear Regression
- Multicollinearity, Omitted Variable Bias
- Potential Outcomes Framework
- Introduction to Other Causal Estimation Methods - Instrumental Variable Estimation, Difference in Difference Estimation

Week

03



- Developing an interview schedule
- Interviewing skills
- Data interpretation
- Checklists / Quip, Mixed methods

Week

04