

## INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI

## भारतीय प्रौद्योगिकी संस्थान तिरुपति

1.	Title of the course	Introduction to Program Evaluation
2.	Course number	HS511L
3.	Structure of credits	3-0-0-3
4.	Offered to	PG
5.	New course/modification to	Modification To HS5031/21
6.	To be offered by	Department of Humanities and Social Sciences
7.	To take effect from	July 2022
8.	Prerequisite	Nil
۵	Course Objective(s): To introduce quantitative methods for the causal effects of public programs	

- 9. **Course Objective(s):** To introduce quantitative methods for the causal effects of public programs and policies. To introduce practical insights of available evaluation tools.
- 10. **Course Content:** Overview of program evaluation: concepts and definitions; Data and regression analysis for program evaluation; Efficacy and effectiveness; Causality and randomised control trials; Causality without randomised control trials: difference-in-difference, propensity score matching, instrumental variable, and regression discontinuity design; Practicalities: design monitoring systems and impact evaluation; Meta-analysis and cost-benefit.

## 11. Textbook(s):

- 1. Gertler P J, Martinez S, Premand P, Rawlings L B and Vermeersch C M, *Impact Evaluation in Practice*, 2nd Edition, World Bank (2016).
- 2. Khandker S R, Koolwal G B and Samad H A, *Handbook on Impact Evaluation : Quantitative Methods and Practices*, 1st Edition, World Bank (2010).

## 12. Reference(s):

- 1. Frolich M, *Impact Evaluation: Treatment Effects and causal Analysis*, 1st Edition, Cambridge University Press (2019).
- 2. Mintrom M, *Public Policy: Investing for a Better World*, 1st Edition, Oxford University Press (2018).
- 3. Mohr L B, Impact Analysis for Program Evaluation, 1st Edition, SAGE Publications (1995).
- 4. White H and Raitzer D A, *Impact Evaluation of Development Interventions: A Practical Guide*, 1st Edition, Asian Development Bank (2017).