

INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI

भारतीय प्रौद्योगिकी संस्थान तिरुपति

1.	Title of the course	Research Design and Qualitative Methods
2.	Course number	HS516L
3.	Structure of credits	3-0-0-3
4.	Offered to	PG
5.	New course/modification to	Modification To HS5036/21
6.	To be offered by	Department of Humanities and Social Sciences
7.	To take effect from	July 2022
8.	Prerequisite	Nil
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- 9. **Course Objective(s):** To introduce contemporary ideas on how to design a research project and to introduce different kinds of methods for conducting qualitative research.
- 10. **Course Content:** Overview of scientific methodology in social sciences; Epistemology; Philosophy of inquiry; Causal inference: Rubin's causal model and other perspectives; Validity and research design; Experimental and quasi-experimental design: Methodological pluralism, mixed methods and field research; Surveys and interviewing: questionnaires, bias, non-compliance, pretesting, budgeting, sampling; Ethnography: focus groups and participant observation; Archival research and historical analysis; Case study design and data collection techniques; Measurement issues: data collection using direct observation.

11. Textbook(s):

- 1. Creswell J W, Research Design: Qualitative, Quantitative, and Mixed Methods Approaches, 3rd Edition, Sage (2012).
- 2. Fowler F J, Survey Research Methods, 5th Edition, Sage (2014).

12. Reference(s):

- 1. Bausell R B, Conducting Meaningful Experiments: 40 Steps to Becoming a Scientist, 1st Edition, Sage (1994).
- 2. Dillman D A, Smyth J and Christian L M, *Internet, Mail, and Mixed-mode Surveys: The Tailored Design Method*, 4th Edition, Wiley (2014).
- 3. Harris D F, The Complete Guide to Writing Questionnaires: How to Get Better Information for Better Decisions, 1st Edition, I&M Press (2014).