

Research Methodology: Advanced Course on STEM Education Research (Qualitative Methods)

Course Code: SCE403.2

Instructor: Dr. Deepa Chari

Credits: 2

Course Outcome:

Sr. No.	On completing the course students will be able to
CO 1	Critically evaluate theoretical/ paradigmatic positions and understand how (and what extent) theoretical positions can influence design and data collection and analysis choices
CO 2	Understanding design of quantitative surveys/assessment techniques/ observation protocols stemmed from theoretical & qualitative foundations
CO 3	Integrating multiple worldviews in the conduct of qualitative education research
CO 4	Applying self-reflexivity in the understanding of research methods in science education research