Epistemic Cognition in STEM Education Research: Theory, Debates, and Methods

Course Code: SCE206.2

Instructor: Prof. Ayush Gupta

Credits: 4

Course Outcome:

Sr. No.	On completing the course students will be able to
CO 1	Students will develop an understanding of major frameworks on epistemic cognition within STEM education research
CO 2	Students will be able to engage with the critical debates on epistemic cognition within STEM education research
CO 3	Students will develop an understanding of methods & analysis methodologies employed in research on epistemic cognition
CO 4	Students will learn how to plan and execute a pilot project investigating some aspect of epistemic cognition
CO 5	Students will be able to apply education research methods and methodologies towards their own investigations