

Philosophy of Science

Course Code: SCE105.2

Instructors: G. Nagarjuna & Shweta Naik

Credits: 2

Course Outcome:

Sr. No.	On completing the course students will be able to
CO 1	Understood how to distinguish between theory, hypotheses, laws, phenomena, models, and physical systems
CO 2	Develop an appreciation of axiomatic structure of scientific theories
CO 3	Understand what happens to the structure of a scientific theory when conceptual change takes place
CO 4	Understand the various criteria of demarcating science from other modes of pursuit
CO 5	Implications of nature of science debate on science education