

SARDAR PATEL UNIVERSITY
Programme & Subject: M.A (Logic & Philosophy)
Semester: I
Syllabus with Effect from: June - 2010

Paper Code: PA01EPHI02	Total Credit: 4
Title Of Paper: Philosophy of Science	

Unit	Description in detail	Weightage (%)
I	Introduction The Nature of Philosophy of Science	25%
II	Induction Its problems Popper's views	25%
III	Laws of Nature Determinism Interrelation Teleology	25%
IV	Realism Instrumentalism Unification Explanation and Prediction Confirmation and probability Confirmation and explanation Hypothesis	25%

Basic Text & Reference Books:-

- Kuhn, Thomas S., 1970, The Structure of Scientific Revolution, London, The University of Chicago Press
- Nagel, Suppes & Tarski., (ed), 1969, Logic, Methodology and Philosophy of Science, California, Stanford University Press
- Copi, I.M., 1972, Introduction to Logic, New York, Macmillan
- Popper, Karl ., 1960, The Logic of Scientific Discovery, London, Hutchinson & Co.
- O'Hear, Anthony., 1993, An Introduction to Philosophy of Science, London, Oxford University press
- Horwich., 1982, Probability and Evidence, Cambridge,
- Frank, P., 1957, Philosophy of Science, London, Prentice-Hall,
- Hintikka & Suppes., (eds.), 1966, Aspects of Inductive Logic, Amsterdam.

