

## Syllabi for Common Courses

### **COURSE VI: EVOLUTION OF THE PHILOSOPHY OF SCIENCE: LITERARY PERSPECTIVES**

COURSE CODE	ENCN6
TITLE OF THE COURSE	EVOLUTION OF THE PHILOSOPHY OF SCIENCE: LITERARY PERSPECTIVES
SEMESTER IN WHICH THE COURSE IS TAUGHT	4
NO. OF CREDITS	4
NO. OF CONTACT HOURS	90

#### 1. Aim of the Course

- ☐ The course aims at promoting a new way of thinking which will encompass both science and literature and facilitate communication between both science and literature.

#### 2. Objective of the course

- ☐ To inculcate in the students a broad outlook which will enable them to understand that literature with scientific content is the best means of communicating scientific ideas in an interesting manner

#### 3. Course outline

Module 1 – General Perspectives

(18 hours)

1. What is Science? – George Orwell
2. The Origin of Science – Will Durant
3. Scientific Outlook – C.V.Raman
4. Our Picture of the Universe – Stephen Hawking
5. Our Ancestors – Carl Sagan

(18 hours)

#### Module II- Specific Concerns

1. Literature and Science – Aldous Huxley
2. Literature and Ecology – William Rueckert
3. Science and Society – Albert Einstein
4. A Little Bit of What You Fancy – Desmond Morris

(18 hours)

#### Module III – Narratives on Science

1. Moxon's Master – Ambrose Bierce
2. The Stolen Bacillus – H.G.Wells
3. EPICAC – Kurt Vonnegut
4. Comets – Jayant Narlikar

(18 hours)

#### Module IV – Science on Stage

1. The Last War – Neil Grant
2. Unplugged – G. L. Horton

#### Module V – Poetic Musings on Science (18 hours)

(18 hours)

1. Science – Robinson Jeffers
2. Hiroshima Remembered – Satchidanandan
3. Cosmic Gall – John Updike
4. Once I Looked into Your Eyes – Paul Muldoon
5. Your Attention Please – Peter Porter
6. The Microbe – Hillaire Belloc
7. The Magnet and the Churn – William S. Gilbert

#### 4. Core Text

Dr K Sujatha and Dr Sobhana Kurien Ed. *Evolution of the Philosophy of Science: Literary Perspectives*. Ane books and Mahatma Gandhi University.

#### 5. Model Question Paper (To be incorporated later)