



# Syllabus

## MODULES

- 1. Radioactivity, Nuclear Decay and Nuclear Models - 6 Lecture**
- 2. Nuclear Reactions and Production of Radioisotopes - 6 Lectures**
- 3. Reactor Physics & Nuclear Power - 6 Lectures**
- 4. Applications of Radioisotopes in Agriculture and Food Technology - 5 Lectures**
- 5. Applications of Radioisotopes in Healthcare - 5 Lectures**
- 6. Applications of Radioisotopes in Industry - 5 Lectures**
- 7. Nuclear Fuel Cycle - 6 Lectures**