

BACHELORS WITH DISASTER MANAGEMENT AS MAJOR (CT – II)

6th SEMESTER

DMG622J2 DISASTER MANAGEMENT _ EIA & EMP

CREDITS: THEORY: 4; PRACTICAL: 2

LEARNING OBJECTIVES/COURSE OUTCOME:

The EIA is very important and has to be undertaken early in the development of proposed projects, plans and programmes. Thus, during the course students will be given information about the concept, approaches and legal provisions and notifications of EIA. The students will be also familiarized with the various methodologies applied while doing EIA process and some specific EIA case studies.

THEORY (4 CREDITS)

UNIT – I

- EIA: Concept and Significance
- Evolution of EIA
- EIA: Objectives and Approaches
- EIA: Methods

UNIT – II

- EIA: Baseline Data Generation
- Strategic Environmental Assessment/ Components of EIA
- Ecological Assessment
- Social Impact Assessment

UNIT – III

- Public Participation in Environmental Decision Making
- EIA Report and its Contents
- Concept of Disaster-Environment Matrix
- 2006 EIA Notification & its Amendment in India

UNIT – IV

- Air quality assessment
- Water quality assessment
- 2006 EIA Notification & its Amendment in India
- Land Acquisition Rehabilitation and Resettlement Act-2013

PRACTICAL (2 CREDITS)

- Environmental Management Plan
- Environmental Auditing Plan
- Review of EIA Report
- Process of Stakeholder Consultation & Public Participation

SUGGESTED READINGS

- Introduction to Environmental Impact Assessment, 5th Ed; John Glasson and Riki Therivel, Routledge
- Environmental Impact Assessment; Charles H. Eccleston, 2011.
- Introduction to Environmental Impact Assessment. John Glasson, Riki Therivel, and Andrew Chadwick, 2013.
- The International Law of Environmental Impact Assessment; Neil Craik, 2010,
- Environmental Impact Assessment; Alan Giplin, 1995.