

Exam.Code: 1045

Sub. Code: 35456

2124

M.E. Computer Science and Engineering (Cyber Security)

First Semester

Elective - III

CSN-8106: Cyber Laws and IPRs

(Common with CS-8305)

Time allowed: 3 Hours

Max. Marks: 50

**NOTE:** Attempt five questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.

x-x-x

I. Write short notes on:-

- a) Internet
- b) Cyberlaw and Netizens
- c) Patent
- d) Aim & Objectives of the IT Act 2000 (10)

#### UNIT - I

- II. Write a comprehensive note on encryption techniques and algorithms. (10)
- III. What is Digital Signature? Explain its relevance in the era of technology. (10)
- IV. Write short notes on:-
  - a) E-Commerce and its Models
  - b) Legal aspects of e-commerce (10)

#### UNIT - II

- V. What are IPRs? Briefly explain various International treaties and Conventions relating to IPRs. (10)
- VI. Who are regulators under the IT Act 2000? Explain the powers and functions of the Controller of the Certifying Authorities. (10)
- VII. What are cyber offences? Explain the relevant provisions of the IT Act 2000. (10)

x-x-x