

**INSTITUTE OF AERONAUTICAL ENGINEERING**

(Autonomous)

Dundigal-500043, Hyderabad

B.Tech VII SEMESTER END EXAMINATIONS (REGULAR) - DECEMBER 2023

Regulation: UG-20

**INTELLECTUAL PROPERTY RIGHTS****Time: 3 Hours**

(COMMON TO ECE | EEE)

**Max Marks: 70****Answer ALL questions in Module I and II****Answer ONE out of two questions in Modules III, IV and V****All Questions Carry Equal Marks****All parts of the question must be answered in one place only****MODULE – I**

1. (a) What is the role of intellectual property rights (IPR) in electronics industry? Explain in terms of circuit boards and integrated chips, how IPR can be used to protect them?  
[BL: Understand| CO: 1|Marks: 7]
- (b) Discuss new developments in trademark law. How do you avoid cyberspace trademark issues?  
[BL: Understand| CO: 1|Marks: 7]

**MODULE – II**

2. (a) Outline the role and functions of WTO in establishing the IPR practices by world countries with real examples.  
[BL: Understand| CO: 2|Marks: 7]
- (b) “TRIPS agreement governs and protect the IPR in global countries, sometimes it critiqued by some situations”. How do you judge this statement? Illustrate with examples.  
[BL: Apply| CO: 2|Marks: 7]

**MODULE – III**

3. (a) When did the duration of copyright act came into force? Explain the different forms of intellectual property rights.  
[BL: Understand| CO: 3|Marks: 7]
- (b) Bring out the inventions not patentable as laid down in the Indian Patent Act, 1970.  
[BL: Understand| CO: 3|Marks: 7]
4. (a) Write about patent and the patent application process. Give an overview of patent act 1970 and how state has to protect the patentee?  
[BL: Understand| CO: 4|Marks: 7]
- (b) What is an utility patent? Explain the role of patent offices in India and jurisdiction.  
[BL: Understand| CO: 4|Marks: 7]

**MODULE – IV**

5. (a) Differentiate between geographical indication (GI), appellation of origin (AO), protected designation of origin (PDO) and protected geographical indication (PGI).  
[BL: Understand| CO: 5|Marks: 7]

- (b) Illustrate in detail about the essential requirements for the registration of industrial design in India, beside listing out the items outside the scope of design [BL: Understand| CO: 5|Marks: 7]
6. (a) What are the rights of a registered proprietor of a GI? Name the legislation for geographical indication (GI) protection in India and briefly outline the procedure of registration. [BL: Understand| CO: 5|Marks: 7]
- (b) Design and discuss the need to protect an intellectual property. Explain the grounds for registration of designs and the rights of a design holder. [BL: Understand| CO: 5|Marks: 7]

### MODULE – V

7. (a) Identify how copyrights and trademarks are both important tools in protecting your intellectual property? [BL: Understand| CO: 6|Marks: 7]
- (b) Demonstrate the policy and legal issues relating to the international development of law. [BL: Understand| CO: 6|Marks: 7]
8. (a) Discuss about new developments in copyright law. Explain the procedure for fill the application and registration of copyright. [BL: Understand| CO: 6|Marks: 7]
- (b) "Trademarks law not only protects the trademarks of companies but also protects the interest of consumers". Comment and explain the purpose of trademark law. [BL: Apply| CO: 6|Marks: 7]

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