

# ENG107e Intellectual Property and Patents

**Level:** 1

**Credit Units:** 5 Credit Units

**Language:** ENGLISH

**Presentation Pattern:** EVERY SEMESTER

**E-Learning:** FULL - Learning is done ENTIRELY online using interactive study materials in Canvas. Students receive guidance and support from online instructors via discussion forums and emails. There are no face-to-face sessions. If the course has an exam component, this will be administered on-campus.

## Synopsis:

The course introduces engineering students to the importance of understanding the characteristics and applications of Intellectual Property and Patents. Industry examples of case studies will be deployed in the teaching/student assessment of performance in the course.

## Topics:

- An Invention and its Protection
- Patents
- Trademarks
- Designs
- Plant Varieties Protection
- Copyright
- Trade Secrets and Confidential Information
- Geographical Indications
- Layouts - Designs of Integrated Circuits

## Learning Outcome:

- Identify appropriate forms of intellectual properties and their registration requirements.
- Recall the criteria for invention to be patentable, validity of trademarks and designs and other characteristics of intellectual properties.
- Give appropriate solutions for scenarios involving various forms of intellectual properties.
- Comment on specific cases/ scenarios involving intellectual properties.
- Illustrate the rights and protection available for intellectual properties.
- Discuss the possible issues with patents, trademarks, designs and other intellectual properties.
- Show the benefits and use of intellectual properties.
- Cite the relevant organizations for registering various intellectual properties.

## Assessment Strategies (Evening Class):

Components	Description	Weightage Allocation (%)
Overall Continuous Assessment	PRE-CLASS QUIZ 1	1
	PRE-CLASS QUIZ 2	1
	PRE-CLASS QUIZ 3	1

Overall Continuous Assessment	PRE-CLASS QUIZ 4	1
	PRE-CLASS QUIZ 5	1
	GROUP BASED ASSIGNMENT 1	15
	DISCUSSION BOARD 1	10
Overall Examinable Components	Written Exam	70
<b>Total</b>		<b>100</b>

**Assessment Strategies (Online Class):**

Components	Description	Weightage Allocation (%)
Overall Continuous Assessment	PRE-CLASS QUIZ 1	1
	PRE-CLASS QUIZ 2	1
	PRE-CLASS QUIZ 3	1
	PRE-CLASS QUIZ 4	1
	PRE-CLASS QUIZ 5	1
	DISCUSSION BOARD 1	10
	GROUP BASED ASSIGNMENT 1	15
Overall Examinable Components	Written Exam	70
<b>Total</b>		<b>100</b>