NATIONAL LAW UNIVERSITY AND JUDICIAL ACADEMY, ASSAM

PROGRAMME: B.A., LL.B (HONS)FYIC

DETAILS OF COURSE OFFERED

EVEN SEMESTER (X)– ACADEMIC YEAR :.....

SL. NO.	COURSE CODE	COURSE TITLE	L	T/ P	CR	CH
1	BL 1005.10 IPR SP II	ARTIFICIAL INTELLIGENCE AND IPR	SEMINAR PAPER + MOOT	1	4	

A. Code and title of the course: BL1005.10, artificial intelligence and IPR

B. Course credit: 4 (total marks 200)

C. Medium of instruction: English

D. Course compiled by: Dr. Thywill Susngi, Guest Faculty of Law, IPR

E. Course instructor:

1. Course Objectives

The main objective of the course are as follows:

- To develop the basic understanding of technology evolution and understand the fundamentals of artificial intelligence and its applications.
- To provide insight into the expanding scope of IPR Laws and artificial intelligence
- To analyse the legal frameworks surrounding intellectual property rights and their relevance to artificial intelligence.
- To examine the challenges and opportunities presented by Artificial in the context of intellectual property protection.

2. Teaching methodology

- Lecture-cum-discussion method.
- Interactive classroom teaching with the aid of practical approach for value-based learning.
- Article based discussion
- Case study and analysis of landmark and latest case laws.
- Debate oriented and negotiation rounds on critical issues.

3. Course Learning Outcome

- On successful completion of this Course, a student should be able to understand the basic concepts and fundamental principles of Artificial Intelligence and Intellectual Property Rights.
- The student should be able to analyze the legal and ethical implications of AI technologies in various property domains.
- The student should be able to apply theoretical knowledge to real-world scenarios and scenarios and propose strategies for managing AI-related intellectual property issues.

4. Course Evaluation Method

As the course is practical based, hence the students will be assessed through weekly evaluation of their research by the course instructor requiring the students to submit and present seminar paper and moot court practical at the end of the semester.

Seminar Paper: 90 marks

Moot Court: 100 marks

Weekly evaluation: 10 marks

5. Detailed Structure of the Course (specifying course modules and sub-modules)

MODULE I: Introduction to Artificial Intelligence and IPR

1.1 Overview of Artificial Intelligence.

1.1.1Definitions.

1.1.2 Types

1.1.3 Applications

1.2 Introduction to Intellectual Property Rights Laws- Copyright, patents, trademarks, and trade secrets

1.3 Understanding the connection between AI and IPR.

MODULE II: Protection of Artificial Intelligence under Copyright and Patent

2.1 Copyright Law

2.1.1 Scope of copyright protection

2.1.2 Subject matter of protection

2.1.3 Infringement

2.1.4 AI-generated works: Ownership, authorship, and copyrightability

2.2 Patent Law

2.2.1 Patentability of AI inventions: Novelty, non-obviousness, and utility

2.2.2 Patent fundamentals- Requirements, application process, and enforcement

2.2.3 Patent issues in AI, including algorithm patents and software patents

MODULEIII: Protection of Artificial Intelligence under Trademark and Trade- Secret.

3.1 Trademark Law

3.1.1 Protection and enforcement

3.1.2 Trademark issues in AI, including brand recognition and

3.1.3 AI-generated content.

3.1.4 Trademark infringement in online environments

3.2 Trade secret

3.2.1 Definition, protection measures, and enforcement

3.2.2 Protection of AI algorithms and datasets as trade secrets

3.2.3Trade secret misappropriation in the age of AI

MODULE IV: Future Trends and Emerging Issues

4.1 Ethical implications of AI technologies in intellectual property

4.2 Regulatory frameworks governing AI and IPR at National and International levels

4.3 Impact of intellectual property laws on AI research and development

4.4 Emerging trends in AI and intellectual property landscapes

4.5 Anticipating challenges and opportunities in AI innovation and IPR.

6. Prescribed Readings

Students are advised to go through the recent editions of the recommended books

1. Intellectual Property Rights, Contemporary Developments, By Prof. (Dr.) V.K.Ahuja and Dr. Archa Vashishtha.
2. Artificial Intelligence and Law (Challenges Demystified) by Rodney D. Ryder.
3. Artificial Intelligence and Intellectual Property, by Jyh-An Lee, Reto Hilty, Kung-Chung Liu.
4. Artificial Intelligence: The Practical Legal Issues by John Buyers.
5. Artificial Intelligence: Law And Policy Implications by Purvi Pokhariyal, Amit K. Kashyap and Arun B. Prasad.

Journals Articles:

1. Artificial Intelligence and Intellectual Property Law, by Swapnil Tripathi and Chandni Ghatak, Christ University Law Journal, Vol. 7, No. 1, 83-97 (2018).
2. The Intellectual Property Rights of Artificial Intelligence-based Inventions, by Sonali Kokane, Journal of Scientific Research, Volume 65, Issue 2, 2021.
3. Artificial Intelligence and Intellectual Property Law by Moerland, Anke, SSRN (May 20, 2022).