National Law University and Judicial Academy, Assam

Programme: B.A.,LL.B (Hons)FYIC

Details of Course offered

Even Semester (VIII) – Academic Year ....

Sl. No	Course Code	Course Title	L	T	P	CR	CH
1	806 IP SP IV	Artificial Intelligence and IPR	4	1		4	

A. code and title of the course: 805, ip sp iv, Artificial Intelligence and IPR

B. course credit: 4 (total marks 200)

C. medium of instruction: english

D. course compiled by: partha pratim medhi

E. course instructor: partha pratim medhi

1. COURSE OBJECTIVES

Artificial intelligence systems have been gaining widespread momentum in today's progressing tech-savvy world. With sophisticated technologies being incorporated in the same, it is only a matter of time these systems start to produce marvelous inventions without human intervention of any kind. This brings forth pertinent questions concerning Intellectual Property Rights, (IPR) for, it challenges not only traditional notions of concepts such as patents and copyrights, but also leads to the emergence of questions related to the regulation of such creations amidst others. This paper seeks to provide insight into the expanding scope of IPR laws and artificial intelligence, along with the inevitable challenges it brings from a worldwide lens on the matter.

2. TEACHING METHODOLOGY

Collegial presentation

Interactive pedagogical techniques

Case study method

Articles based discussions

Debate oriented and negotiation rounds on critical environmental issues

Legislative and case analysis of Landmark and latest legal instruments and case laws respectively

Documentary screening and open house discussions

Surprise tests on fortnight /weekly basis

3. Course outcomes

- The students after the completion of this course are expected to have fundamental knowledge on Artificial Intelligence and IPR.
- They shall be capable of knowing the core issues of Artificial Intelligence and IPR.
- They will be equipped with interest to take up Intellectual Property Law as subject at honours levels, Masters Level and PhD level.

4. Course Evaluation Method

The course evaluation is divided into:

Internal Assessment: 70% (140 Marks)

External Assessment: 30% (60 Marks)

Sl. No.	Internal Assessment	
1.	Assignments (Written/ Presentation Mode)	40 Marks
2.	Seminar/Group Discussion	20 Marks
3.	Internal Examinations	70 Marks
4.	Attendance	10 Marks
5.	Semester End Examination	60 Marks

5. Detailed Structure of the Course (specifying course

MODULE I
Introduction to Artificial Intelligence, Historical development of Artificial Intelligence, Computer Science and Artificial Intelligence, IPR and Artificial Intelligence,

MODULE II

Copyright Protection and Artificial Intelligence, Copyright Protection for Computer generated works, Copyright Ownership from Video games to Artificial Intelligence, Ownership of Computer generated derivative works, Ownership of Non- Derivative works, Can a computer be an author-copyright aspects of artificial intelligence

MODULE III
Artificial Intelligence and Patent Laws, Patentability and inventorship issues for AI generated inventions, Liability issues for patent infringement by AI

MODULE IV
Emerging areas of AI and Law, Future of AI in Court, judge and Judgment;

6. Prescribed Readings

Books:

a) Artificial Intelligence: The Practical Legal Issues - John Buyers (2018), Law Brief Publications

b) Robotics, AI and the Future of Law – Corrales Compagnucci,

c) Marcelo, Fenwick, Mark, Forgó, Nikolaus (Eds.) (2018) Springer Publications

d) Pattern Recognition and Machine Intelligence and Biometrics - P.S.P.Wang (2011),Springer/HEP

Journal Articles:

a. Verheij, B. Artificial intelligence as law. Artif Intell Law 28, 181–206 (2020).

b. Medvedeva, M., Vols, M. & Wieling, M. Using machine learning to predict decisions of the European Court of Human Rights. Artif Intell Law 28, 237–266 (2020).

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