

Chanakya National Law University, Patna

B.A., LL.B. (H) and B.B.A., LL.B. (H) 2022-23;

SEMESTER- IX

Course Title: Telecommunication Law

Course Overview

Information technology, as well as the ability to interact and communicate, is a critical component of our society's functioning. Telecommunication has become the cornerstone for organizations, governments, communities, and families to easily connect and share information in today's digital economy. In the telecom business, artificial intelligence (AI) is used to search for patterns in data, allowing telecoms to discover and anticipate network irregularities. CSPs can proactively solve problems before customers are harmed because of adopting AI in telecom. With 1179.49 million customers as of 31 January 2021, India's telecommunication network is the world's second largest in terms of telephone users (including fixed and mobile). Mega telecom operators and hyper-competition among them have enabled it to have one of the lowest call tariffs in the world. With 747.41 million broadband internet subscribers, India is the world's second-largest Internet user base.

Learning Outcomes

Students who successfully complete this course will be able to:

CO1. Understand the ideas and rationale of pertinent telecommunications law legislation and case law.

CO2. Identifying their advantages and disadvantages requires.

CO3. Analyze and evaluate a legal issue related to telecommunications legislation.

List of Topics/ Modules

Topic/ Module	Contents/ Concepts	Sessions / Lectures
Module I:	<p>Historical background of Telecommunication in India</p> <ul style="list-style-type: none"> ▪ Evolution, Necessity, Importance, and Regulatory Requirements 	1-5
Module II:	<p>Jurisprudence of Telecommunication</p> <ul style="list-style-type: none"> • Telecommunications Law and Regulation: An Introduction to The Technology • Distinctions between the Old and the New Telecommunication Policy 	6-14
Module III:	<p>The Economics of Telecommunications Regulation: Business Model Marketing Strategies</p> <ul style="list-style-type: none"> • Pricing Strategy • Non- Pricing Strategy • Challenges and Issues Involved 	15-21
Module IV:	<p>Regulatory Regimes</p> <ul style="list-style-type: none"> ▪ <i>Indian Telecommunications Law</i> <ul style="list-style-type: none"> • History, Evolution and Growth of Indian Telegraph Act 1885. • TRAI—Relationship of TRAI with ITA • TDSAT-Power, Functions, Roles& Responsibilities • Department Of Telecommunications- -Roles & 	22-29

	<p>Responsibilities in relations with Case Laws</p> <ul style="list-style-type: none"> • <i>International Telecommunications Law</i> <ul style="list-style-type: none"> a. The Telecommunications regime in the U.K b. European Union Communications Law c. US Telecommunications Law 	
Module V:	<p>Key Regulatory Issues</p> <ul style="list-style-type: none"> • Authorization and Licensing • Spectrum Management • Access and Interconnection • Consumer Protection and Telecommunication 	29-35
Module VI:	<p>Communications Content</p> <ul style="list-style-type: none"> • Communication Privacy • Convergence: The Impact of Broadband Regulation on Telecommunication • Internet Service Providers: Content Liability, Control, and Neutrality. 	36-43
Module VII:	<p>International Regulatory Regimes</p> <ul style="list-style-type: none"> • International Regulatory Law • Telecommunications Reforms in Emerging Markets 	44-51

Module VIII:	Artificial Intelligence applications in the telecommunications Industry <ul style="list-style-type: none"> • Role of AI in Telecommunications • Use cases of AI in Telecommunications 	52-60
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Recommended/Reference Textbooks and Resources:

Text Books

1. EU Electronic Communication Law:

Competition & Regulation in the European Telecommunication Market,
Oxford

University Press by Paul L. Nihoul, Peter B. Roadford

2. Telecommunication Law and Regulations, Oxford University Press by Ian Walden

3. Artificial Intelligence Techniques

M.C. Trivedi, Artificial Intelligence, Khanna Publishing House, Delhi

P.Joshi, P.Kulkarni, Artificial Intelligence: Building Intelligent Systems, PHI

R.B. Mishra, Artificial Intelligence, PHI Learning Pvt. Ltd

4. Telecom Disputes settlement in India Paperback – Manish Yadav (Author),September 13, 2013

5. Telecommunications Law and Policy, Carolina Academic Pr; 3rd edition (20 December 2011)

6. Communications Law in India: Legal Aspects of Telecom, Broadcasting and Cable Services, LexisNexis; First edition (1 January 2007), LexisNexis; ISBN-10 : 8180385655, ISBN-13 : 978-8180385650

Web Resources

- <https://dot.gov.in/national-telecom-policy-1994>
- <https://dot.gov.in/new-telecom-policy-1999>
- <https://dot.gov.in/broadband-policy-2004>
- <https://dot.gov.in/relatedlinks/national-telecom-policy-2012>

- <https://dot.gov.in/dot-pmapmi-policy>
- <https://dot.gov.in/act-rules-content/2442>
- <https://dot.gov.in/act-rules-content/2426>
- <https://hls.harvard.edu/academics/curriculum/catalog/default.aspx?o=73828>
- <https://www.bloomberg.com/news/articles/2021-12-16/india-to-revamp-century-old-telecom-laws-that-bar-digital-dream>
- <https://www.financialexpress.com/industry/govt-proposes-revamp-of-telecom-rules-to-keep-pace-with-modernisation/2604501/>

Instructor Details

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