



Course Title: TELECOM POLICY AND REGULATORY ENVIRONMENT

Credit Units:3

Course Level:PG

Course Code:TELE628

L	T	P/S	SW/F W	TOTAL CREDIT UNITS
3	0	0	0	3

Course Objectives:

1. Apply the conceptual framework of the "telecom society" to the macro environment of telecommunications in India
2. Assess the relationships between telecommunications and the political, social and economic aspects of the macro environment in India. Identify the policies made by international & national regulatory bodies concerning telecommunications (e.g., TRAI, DOT, ITU, WTO, IMF, World Bank, etc.), and their implications on the ICT sector in this country

Pre-requisites:NA

Course Contents/Syllabus:

	Weightage (%)
Module I Telecom Legislations	10
Indian Telegraph Act 1885; Indian Wireless Act, 1933; TRAI Act, 1997; TRAI (Amendment) Act, 2000; IT Act, 2000; Communication Convergence Bill 2001	
Module II Policies & Guidelines	20
Shortcomings of NTP 1944, NTP 1999 and mission objectives of NTP 2012 National Telecom Policy 1994; New Telecom Policy, 1999; Broadband Policy, 2004; Up-linking Guidelines; Down-linking guidelines; DTH Guidelines; FDI in Telecom Sector	
Module III Telecom Regulation	20
Telecom Consumers Protection & Redressal of Grievances Regulation, 2007; Telecom Interconnection (Charges & Revenue Sharing) Regulation; Quality of Service for – Broadband, Dial-up & Leased line Internet Access Service,	

Basic & Cellular Mobile Telephone Service, Code of Practice for Metering & Billing Accuracy	
Universal Service Obligation Fund	
Module IV Telecom Bodies	20
International Bodies – ITU, FCC and their role and charter	
Ministry of Communication, Department of Telecommunication, Telecom Commission and TEC (overview of organization & functions)	
WPC & SACFA : Org. & Functions, NFAP 2004, Importance of Spectrum, Spectrum Allocation for CDMA/ GSM / Microwave, Spectrum Charges, WPC Procedures, Current issues	
TRAI (Org., functions and current issues)	
TDSAT (Org., functions and important judgments)	
Associations (COAI, AUSPI, TEMA, ISPAI etc)	
Module V Telecom Services	30
Telecom Circles, Unified Access Service, Unified Licenses, Cellular Mobile Service, Infrastructure Providers, National Long	
Distance, International Long Distance, Internet with and without Telephony, VPN, VSAT, Other Service Providers (BPOs)	
National Numbering Plan & Number Portability	

Student Learning Outcomes:

1. Summarize the various acts and policies and regulations and Bodies on Telecom sector in India.
2. Describe the grievance and redressal system.
3. Recognize the role played by the various National and International bodies in regulating Telecom

Pedagogy for Course Delivery: Course will involve classroom teaching based on theoretical concepts. Interaction with the students will be integral part of learning. Periodical tutorials and assignments will be discussed and analyzed in class. Industry experts may shall come and share their experiences with the students. Students will be taken for field visit.

Lab/ Practicals details, if applicable: NA

Assessment/ Examination Scheme:

Theory L/T (%)	Lab/Practical/Studio (%)	Total
100%	NA	100

Theory Assessment (L&T):

Continuous Assessment/Internal Assessment					End Term Examination
Components (Drop down)	Class Test	Home Assignment	S/V/Q	Attendance	
Weightage (%)	10%	10%	5%	5%	70%

Text Reading:

Txs:

Hudson, H. E. 1997. Global connection: International telecommunications infrastructure and policy. John Wiley

Essential On-Line Resources (access through the Internet):

TRAI
DOT
COAI