	5.6	IPTV Delivery: Broad cast. Unicast, Multicast	
	5.7	IPTV Streaming: Time Shifted Stream-On -the- fly streaming	
	5.8	experimental framework used for evaluating the classification algorithm	
	5.9	Experimental framework for evaluating the classification algorithm (Self learning) Configuring IPTV to android phone, Tablet, Television and Computer(Self Learning)	
6		**IPTV Network Security: Threats and Countermeasures**	**4**
	6.1	Threats on IPTV Delivery Networks, Theft or Abuse of Network Assets, Theft of Service, Theft of IPTV-Related Data, Disruption of Service, Privacy Breach, Compromise of Platform Integrity	
	6.2	Security Issues of IPTV Delivery Networks: Protocols Vulnerabilities, Countering the threats	
	6.3	Advantages and disadvantages of IPTV	
	6.4	Future of IPTV	
		Total	**39**

Textbooks:

1.Television and video Engineering, A. M. Dhake, Tata McGraw Hill Publication.

2. Video Demystified, Kelth jack, Hand book for digital engineers, Newness, Elsevier

3.Digital Television Systems. Marcelo S. Alencar, Cambridge University Press

4.Understanding IPTV, Gilbert Held, CRC Press

Reference Books:

1.The digital evolution of Television, D. Gerbarg, Springer

2. Applications and Usability of interactive TV, Maris Jos Abisolo, Springer

3. IPTV Delivery network, Suliman Mohamed Fati, Saiful Azad, Al-Sakib Khan Pathan, Wiley Publications

4. Television Engineering & Video Systems, R. G. Gupta, McGraw Hill Publication

5. Quantum dot based light emitting diodes, Morteza Sasani Ghamsari, Google book

Internal Assessment (20-Marks):

Internal Assessment (IA) consists of two class tests of 20 marks each. IA-1 is to be conducted on approximately 40% of the syllabus completed and IA-2 will be based on remaining contents (approximately 40% syllabus but excluding contents covered in IA-I). Duration of each test shall be one hour. Average of the two tests will be considered as IA marks.