

GUJARAT TECHNOLOGICAL UNIVERSITY

Biomedical Engineering

B. E. SEMESTER: VII

Subject Name: **Intellectual Property Rights and Bioethics (Department Elective-I)**

Subject Code: **170305**

Teaching Scheme				Evaluation Scheme			
Theory	Tutorial	Practical	Total	University Exam (E)		Mid Sem Exam (Theory) (M)	Practical (Internal)
				Theory	Practical		
4	0	2	6	70	30	30	20

Sr. No	Course Content	Total Hrs.
1.	Importance of IPR, Patentable subject matter, Novelty and Public Domain.	7
2.	Intellectual Property Right and Developing World, Intellectual Property Management, Case studies- Basmati rice, Neem	7
3.	Patent Claims and Legal decision-making process: Brief Study	7
4.	International conventions and Treaties (WIPO), patenting a biological material.	7
5.	Introduction of Patents and patent application process (national and International), Trade Secrets, Copy Rights, Geographical Indicators, Trade Marks, PBR in UPOV, GATT and TRIPS.	9
6.	Introduction to bioethics	5
7.	Bioethics: Value of life	7
8.	Professional ethics in biomedical engg.	7

Text Book:

1. Intellectual Property Rights In The WTO And Developing Contries - by Watal, Jayashree; Oxford University Press
2. Intellectual Property Rights- A Primer-R. Anita Rao & Bhanoji Rao Eastern Book Co. (2008)
3. Introduction to Bioethics by John Harris, Oxford University press

Reference Books:

1. Lectures on Intellectual Property Law Eastern Book Co.(2008)
2. The Law Of Intellectual Property Rights, Shiv Sahai Singh Eastern Book Co.(2008)
3. Cases and Materials on Intellectual Property, William Cornish, Eastern Book Co.(2008)

Other Sources:

1. www.iprsonline.org
2. www.ipindia.nic.in