

DEPARTMENT OF MICROBIOLOGY

PART- II – TRANSDISCIPLINARY COURSE

(To be offered in Semester –V)

21UMBTD02	IPR, Copyright and Patenting	2hrs / week	2 Credits
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Course Objectives:

This course is aimed at

- Familiarizing researchers with the nuances of Intellectual Property Rights (IPR) so as to help them integrate the IPR process in their research activities.
- To give the Students “hands- on –training” in literature, including patent search and documentation of research activities that would aid an IPR expert to draft, apply and prosecute IPR applications.
- Facilitate the students to explore career options in IPR, Copyright and Trademark

UNIT –1 Introduction to Intellectual Property Rights

5hrs

- What is IPR?
- Concept of Intellectual Property
- Kinds of Intellectual Property
- Economic Importance of Intellectual Property

UNIT –2 The International Scenario

5hrs

- The International Convention for the protection of new varieties of plants
- Outcome of Duncal’s Proposal – TRIPS – Brief account
- Introduction to Patents
- Patenting to Microbes

UNIT –3 Patents in India

5hrs

- Indian Patent Act - 1970
- Procedure for obtaining Patents
- Protection of Genetic Resources
- Introduction to Infringement, Infringer

UNIT- 4 Copyright and Trademark


5hrs

- What is copyright and Trademark?
- What is covered in copyright?
- What are Related Rights? How they are different from Copyright?
- Why to protect Copyright?

UNIT- 5 IPR in Science

5hrs

- IPR and Ideation
- IPR and Innovation
- Product and IPR
- Process and IPR
- IPR and Biological material



Head,
Department of Microbiology,
Shree M. & N. Virani Science College
(Autonomous), Rajkot

Chairman - Microbiology B

Practical


1. Filling of Patent application

Text Books

- T. M Murray and M.J. Mehlman, Encyclopedia of Ethical, Legal and Policy issues in Biotechnology, John Wiley & Sons 2000
- Ajit Parulekar and Sarita D' Souza, Indian Patents Law – Legal & Business Implications; Macmillan India Ltd , 2006
- B.L. Wadehra; Law Relating to Patents, Trade Marks, Copyright, Designs & Geographical Indications; Universal law Publishing Pvt. Ltd., India 2000
- P. Narayanan; Law of Copyright and Industrial Designs; Eastern law House, Delhi ,2010

Reference books

1. S K Roy Chaudhary & H K Saharay : The Law of Trademarks, Copyright, Patents and Design. Legal Aspects of Technology Transfer: A Conspectus
2. WIPO : WIPO Guide To Using Patent Information
3. WIPO : Intellectual Property (IP) Audit
4. WIPO : WIPO Patent Drafting Manual
5. WIPO : The Value of Intellectual Property, Intangible Assets and Goodwill



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