

COURSECODE 1154ME102	IPR & PATENTS RIGHTS	L	T	P	C
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1. Preamble

The course is designed to introduce fundamental aspects of Intellectual property Rights to students who are going to play a major role in development and management of innovative projects in industries.

2. Prerequisite

NIL

3. Link to other Courses:

Project Work

4. Course Educational Objectives

Students undergoing this course are expected to:

- Understand the concepts of all aspects of the IPR Acts.
- Relate the application of the legal concepts in Science, Engineering, Technology and Creative Design.

5. Course Outcomes

Upon the successful completion of the course, learners will be able to

CO Nos.	Course Outcomes	Level of learning domain (Based on revised Bloom's)
CO1	Understand the important of intellectual property rights	K2
CO2	Apply for the patents	K3
CO3	Understand and apply for the copyrights	K2
CO4	Understand the important of trademarks	K3
CO5	Appreciate the importance of IPR and its related issues	K2

(K3– APPLY)

6. Correlation of COs with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	L					L		L		L		L	L	L
CO2	L					L		L		L		L	L	L
CO3	L					L		L		L		L	L	L
CO4	L					L		L		L		L	L	L
CO5	L					L		L		L		L	L	L

H- High; M-Medium; L-Low

7. Course Content

UNIT I: INTRODUCTION TO IPR **L-9**

Introduction – Invention and Creativity – Intellectual Property (IP) – Importance – IPR in India and IPR abroad Protection of IPR – Basic types of property - Movable Property - Immovable Property - Intellectual Property.

UNIT II: PATENTS **L-9**

Patents - their definition – granting - infringement - searching & filing - Utility Models an introduction

UNIT III: COPYRIGHTS **L-9**

Copyrights - their definition - granting - infringement - searching & filing - distinction between related and copy rights

UNIT IV: TRADEMARKS AND GEOGRAPHICAL INDICATIONS **L-9**

Trademarks - role in commerce -importance – protection- registration - domain names - Industrial Designs - Design Patents – scope – protection - filing infringement - difference between Designs & Patents - Geographical indications - international protection

UNIT V: CASE STUDIES IN IPR. **L-9**

Case Studies on – Patents (Basmati rice, Turmeric, Neem, etc.) – Copyright and related rights – Trade Marks – Industrial design and Integrated circuits – Geographic indications – Protection against unfair competition.

TOTAL: 45 periods

8. Text Books

1. Subbaram N.R. "Handbook of Indian Patent Law and Practice ", S. Viswanathan Printers and Publishers Pvt. Ltd., 1998

9. References

1. Eli Whitney, United States Patent Number: 72X, Cotton Gin, March 14, 1794.
2. Intellectual Property Today: Volume 8, No. 5, May 2001, [www.iptoday.com].
3. Using the Internet for non-patent prior art searches, Derwent IP Matters, July 2000. Web Resources www.ipmatters.net/features/000707_gibbs.html.