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## COURSE PLAN

<b>Subject code: GE8075</b>	<b>Academic year: 2019-2020</b>
<b>Branch/Year/Sem /Section: B.E BME/III/VI</b>	<b>Batch: 2017-2021</b>
<b>Subject Name: Intellectual Property and Rights</b>	

### COURSE OBJECTIVE

- Learn how to value intangible assets, taking into account their commercial potential and legal status.
- Explore the legal & business issues surrounding marketing of new products related to Technology.

### TEXT BOOK:

T1: Subbaram N.R. "Handbook of Indian Patent Law and Practice", S. Viswanathan, Printers and Publishers Pvt. Ltd., 1998

### REFERENCES:

- R1 Eli Whitney, United States Patent Number: 72X, Cotton Gin, March 14, 1794.
- R2 Derwent IP Matters, "Using the Internet for non-patent prior art searches", July 2000
- R3 www.iptoday.com

### WEBSITE:

W1: [www.ipmatters.net/features/000707\\_gibbs.html](http://www.ipmatters.net/features/000707_gibbs.html).

### TEACHING METHODOLOGIES:

- BB - BLACK BOARD
- VIDEO - VIDEO TUTORIAL
- PPT - POWER POINT PRESENTATION



**DEPARTMENT OF BIOMEDICAL ENGINEERING**

<b>GE8075</b>	<b>INTELLECTUAL PROPERTY RIGHTS</b>	<b>L T P C</b>
		<b>3 0 0 3</b>
<b>UNIT I INTRODUCTION</b>		<b>9</b>
Introduction to IPRs, Basic concepts and need for Intellectual Property - Patents, Copyrights, Geographical Indications, IPR in India and Abroad – Genesis and Development – the way from WTO to WIPO –TRIPS, Nature of Intellectual Property, Industrial Property, technological Research, Inventions and Innovations – Important examples of IPR.		
<b>UNIT II REGISTRATION OF IPRs</b>		<b>10</b>
Meaning and practical aspects of registration of Copy Rights, Trademarks, Patents, Geographical Indications, Trade Secrets and Industrial Design registration in India and Abroad		
<b>UNIT III AGREEMENTS AND LEGISLATIONS</b>		<b>10</b>
International Treaties and Conventions on IPRs, TRIPS Agreement, PCT Agreement, Patent Act of India, Patent Amendment Act, Design Act, Trademark Act, Geographical Indication Act.		
<b>UNIT IV DIGITAL PRODUCTS AND LAW</b>		<b>9</b>
Digital Innovations and Developments as Knowledge Assets – IP Laws, Cyber Law and Digital Content Protection – Unfair Competition – Meaning and Relationship between Unfair Competition and IP Laws – Case Studies. 120		
<b>UNIT V ENFORCEMENT OF IPRs</b>		<b>7</b>
Infringement of IPRs, Enforcement Measures, Emerging issues – Case Studies.		

**TOTAL : 45 PERIODS**

Topic No	Topic Name	Books For reference	Page No	Teaching Methodology	No of periods required	Cumulative periods
<b>UNIT- I INTRODUCTION</b>						<b>5</b>
1.	INTRODUCTION – INVENTION AND CREATIVITY INTELLECTUAL PROPERTY (IP)	T1	4-5	BB	1	1
2.	IMPORTANCE – PROTECTION OF IPR AND BASIC TYPES OF PROPERTY	T1	5-7	BB	1	1
3.	MOVABLE PROPERTY	T1	15-18	BB	1	1
4.	IMMOVABLE PROPERTY	T1	25-30	BB	1	1
5.	INTELLECTUAL PROPERTY.	T1	35-45	BB	1	1
<b>UNIT II REGISTRATION OF IPRs</b>						<b>10</b>
6.	IP	T1	22-25	BB	1	1
7.	PATENTS	T1	88-106	BB	1	1
8.	COPYRIGHTS AND	T1	132-145	PPT	1	1
9.	RELATED RIGHTS	T1	145-152	BB	1	1
10.	TRADE MARKS AND RIGHTS ARISING FROM TRADEMARK REGISTRATION	T1	107-120	BB	1	1
11.	DEFINITIONS AND INDUSTRIAL DESIGNS	T1	120-131	BB	1	1
12.	INTEGRATED CIRCUITS	T1	145-148	BB	1	1
13.	PROTECTION OF GEOGRAPHICAL INDICATIONS AT NATIONAL	T1	177-185	BB	1	1
14.	INTERNATIONAL LEVELS	T1	183-185	BB	1	1

15.	APPLICATION PROCEDURES	T1	185-188	BB	1	1
<b>UNIT III AGREEMENTS AND LEGISLATIONS</b>						<b>10</b>
16	INTERNATIONAL CONVENTION RELATING TO INTELLECTUAL PROPERTY	R2	152-159	BB	2	2
17	ESTABLISHMENT OF WIPO	R2	159-162	BB	2	2
18	MISSION AND	R2	162-165	BB	2	2
19	HISTORY	R2	180-195	BB	2	2
20	GENERAL AGREEMENT ON TRADE AND TARIFF (GATT).	R2	75-85	BB	2	2
<b>UNIT IV DIGITAL PRODUCTS AND LAW</b>						<b>10</b>
21	INDIAN POSITION VS WTO AND STRATEGIES	R1	15-35	BB	1	1
22	INDIAN IPR LEGISLATIONS	R1	35-45	BB	1	1
23	COMMITMENTS TO WTO	R1	48-59	BB	2	2
24	PATENT	R1	60-65	BB	1	1
25	ORDINANCE AND THE BILL	R1	75-85	BB	1	1
26	DRAFT OF A NATIONAL INTELLECTUAL PROPERTY POLICY	R1	85-95	BB	2	2
27	PRESENT AGAINST UNFAIR COMPETITION	R1	75-80	BB	2	2
<b>UNIT V ENFORCEMENT OF IPRs</b>						<b>5</b>
28	CASE STUDIES ON – PATENTS (BASUMATI RICE, TURMERIC, NEEM, ETC.)	R2	16-22	BB	1	1

29	COPYRIGHT AND RELATED RIGHTS TRADE MARK	R1	25-27	BB	1	1
30	INFRINGEMENT OF IPRS	R1	28-35	BB	1	1
31	ENFORCEMENT MEASURES	R1	38-45	BB	1	1
32	EMERGING ISSUES	R1	50-55	BB	1	1

**LEARNING OUTCOME:**

**At the end of unit , the students will be able to**

**COURSE OUTCOME:**

Review an intellectual property portfolio and comprehend the extent of their protection.  
Develop a business plan that advances the value of their intellectual property portfolio  
Develop a strategy of marketing their intellectual property and understand some negotiation basics.

Explain some of the limits of their intellectual property rights and comprehend some basic legal pitfalls

**CONTENT BEYOND THE SYLLABUS**

Patient monitoring system

**CONTINUES INTERNAL ASSESSMENT DETAILS**

ASSESMNT NUMBER	I	II	MODEL
TOPIC NO.(UNIT)	1-17 (1 <sup>st</sup> & 2 <sup>nd</sup> units)	18-37(3 <sup>rd</sup> & 4 <sup>th</sup> units)	1-45 (units 1-5)

**ASSIGNMENT DETAILS**

ASSIGNMENT NUMBER	I	II	III
TOPIC NUMBER FOR REFERENCE	1-18 (1 <sup>st</sup> & 2 <sup>nd</sup> units)	18-37 (3 <sup>rd</sup> & 4 <sup>th</sup> units)	1-45 (units 1-5)
DEAD LINE			

ASSIGNMENT NUMBER	BATCH	DESCRIPTIVE QUESTIONS/TOPIC (Minimum of 8 Pages)
I	B1 (R.Nos -1-20)	COPYRIGHTS
	B1 (R.Nos 21-40)	ORDINANCE AND THE BILL

	B3 (40-56)	GENERAL AGREEMENT ON TRADE AND TARIFF (GATT).
<b>II</b>	B1 (R.Nos -1-20)	ESTABLISHMENT OF WIPO
	B1 (R.Nos 21-40)	HISTORY
	B3 (40-56)	GEOGRAPHIC INDICATIONS
<b>III</b>	B1 (R.Nos -1-20)	BASUMATI RICE
	B1 (R.Nos 21-40)	TURMERIC
	B3 (40-56)	NEEM