

# Gujarat Technological University

## Syllabus of Post Graduate Diploma in IPR (PGDIPR)

<b>Module I</b>	<b>Introduction to IPR &amp; Patents</b>
	<b><i>1.1 Understanding of Intellectual Property Rights</i></b>
	· Introduction of IPR
	· History of Patent Protection
	· Rationale behind Patent System
	· WTO, TRIPS and WIPO
	Case study/Practice
	<b><i>1.2 An Overview of the IPR Regime</i></b>
	· Patents
	· Trademarks
	· Copyrights
	· Industrial Designs
	· Geographical Indication
	· Semiconductor Circuits & Layout Design
	· Plant Variety & Farmer's Right Act
	· Undisclosed Information - Trade Secrets
	Case study/Practice
	<b><i>1.3 Legislations and Salient Features of Patent Act</i></b>

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	<ul style="list-style-type: none"> <li>· Definition of Patents and related words</li> </ul>
	<ul style="list-style-type: none"> <li>· History of Indian Patent Act</li> </ul>
	<ul style="list-style-type: none"> <li>· Indian Patents Act 1970</li> </ul>
	<ul style="list-style-type: none"> <li>· Patent Amendment Act 2005</li> </ul>
	<ul style="list-style-type: none"> <li>· WTO-TRIPS – Key effect on Indian Legislation</li> </ul>
	<ul style="list-style-type: none"> <li>· Organization of Patent System in India</li> </ul>
	Case study/Practice
	<b><i>1.4 Definition and Content of Indian Patent System</i></b>
	<ul style="list-style-type: none"> <li>· Subject matters patentable in India</li> </ul>
	<ul style="list-style-type: none"> <li>· Non patentable subject matters in India</li> </ul>
	<ul style="list-style-type: none"> <li>· Important sections of Indian Patent Act</li> </ul>
	Case study/Practice
<b>Module II</b>	<b>Patent Search, Drafting &amp; Filing procedure in India</b>
	<b><i>2.1 Patent Search</i></b>
	<ul style="list-style-type: none"> <li>· Overview of Patent Search</li> </ul>
	<ul style="list-style-type: none"> <li>· Advantages of patent search</li> </ul>
	<ul style="list-style-type: none"> <li>· Open source and paid databases for Patent Search</li> </ul>
	<ul style="list-style-type: none"> <li>· Patent Search Methodology</li> </ul>
	<ul style="list-style-type: none"> <li>· International Patent classification system</li> </ul>

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	Case study/Practice
	<b><i>2.2 Patent Drafting</i></b>
	· Pre drafting requirement
	· Types of specifications
	· Drafting of Provisional specifications
	· Drafting of complete specifications
	· Drafting of claims
	Case study/Practice
	<b><i>2.3 Patent Filing Procedure in India</i></b>
	· Filing procedure for Ordinary application
	· Convention application
	· PCT International Phase application
	· PCT National Phase application
	· Patent of addition
	· Divisional application
	Case study/Practice
	<b><i>2.4 Patent Prosecution in India</i></b>
	· Publication of patent
	· First Examination Report

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	<ul style="list-style-type: none"><li>· Time limit for different phase of prosecution</li></ul>
	<ul style="list-style-type: none"><li>· Pre Grant opposition</li></ul>
	<ul style="list-style-type: none"><li>· Post Grant opposition</li></ul>
	Case study/Practice
<b>Module III</b>	<b>Patent Enforcement in India and International Patent Systems</b>
	<b><i>3.1 Enforcement of Patents</i></b>
	<ul style="list-style-type: none"><li>· Term of a patent</li></ul>
	<ul style="list-style-type: none"><li>· Rights of the Patentee</li></ul>
	<ul style="list-style-type: none"><li>· Obligations of a Patentee</li></ul>
	<ul style="list-style-type: none"><li>· Working of a patent</li></ul>
	<ul style="list-style-type: none"><li>· Compulsory Licensing</li></ul>
	<ul style="list-style-type: none"><li>· Revocation of Patents</li></ul>
	Case study/Practice
	<b><i>3.2 Infringement of Patents</i></b>
	<ul style="list-style-type: none"><li>· Infringement &amp; remedies</li></ul>
	<ul style="list-style-type: none"><li>· Literal Infringement</li></ul>
	<ul style="list-style-type: none"><li>· Infringement by Doctrine of equivalents</li></ul>
	<ul style="list-style-type: none"><li>· Defences to Infringement</li></ul>
	Case study/Practice

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	<b><i>3.3 International Patent Systems</i></b>
	· US Patent System (USPTO)
	· European Patent System (EPO)
	· Chinese Patent System (SIPO)
	· African Regional Intellectual Property Organization (ARIPO)
	Case study/Practice

<b>Module IV</b>	<b>International Patent Treaties &amp; Preparation of Indian Patent Agent Exam</b>
	<b><i>4.1 International Treaties for Patent</i></b>
	· Paris Convention
	· Patent Co-operation Treaty (PCT)
	Case study/Practice
	<b><i>4.2 Multilateral Agreements</i></b>
	· Budapest Treaty
	· Madrid protocol
	· Hague Agreement
	· Convention of Bio-Diversity
	Case study/Practice

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	<b><i>4.3 Preparation of Indian Patent Agent Exam</i></b>
	· Contact classes for Exam
	Case study/Practice