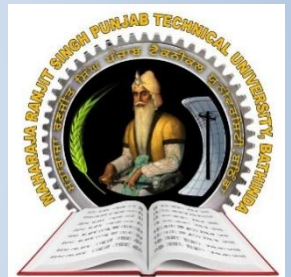


**CENTRAL  
UNIVERSITY OF  
PUNJAB &  
MAHARAJA RANJIT  
SINGH PUNJAB  
TECHNICAL  
UNIVERSITY,  
BATHINDA**



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**Post-Graduate  
Diploma  
in  
Intellectual  
Property Rights**



## **ABOUT THE PROGRAMME:**

Intellectual Property Rights (IPR) has gained importance in interdisciplinary domains as one of the most important specializations in educational context to strengthen the horizons of any professional in this competitive field. Particularly in the recent era, this branch has been at the intersection of education, industry, business and commercialization. With the advent of latest technologies like artificial intelligence, Internet of Things, reinventing the traditional knowledge and multidisciplinary involvement of various sectors, it has become essential to get acquainted with various laws and policies that control the landmark changes in different disciplines. Post Covid- also, the urge for IPR based commercialization has been increased and IPR has been a connecting link between all stakeholders involving students, scientists, researchers, industrialists, entrepreneurs etc. Hence the career perspective of various skilled individuals can be strengthened with this kind of specialized programme in IPR, offered by two premier institutes of the region i.e. Central University of Punjab and Maharaja Ranjit Singh Punjab Technical University, Bathinda.

## **ABOUT THE INSTITUTIONS:**

### **Central University of Punjab, Bathinda**

The Central University of Punjab was established in 2009 by an Act of Parliament. The University is accredited with 'A+' grade by NAAC in the second cycle of Accreditation in 2023. It has secured 81<sup>st</sup>, 85<sup>th</sup>, 87<sup>th</sup> and 95<sup>th</sup> rank in NIRF in the years 2022, 2021, 2020 and 2019 respectively in the University category. It was ranked 26<sup>th</sup> in the Pharmacy category of NIRF in 2022. The university has a mission to provide a wide range of instructional and research facilities across disciplines, promote innovation in teaching and research, and cross-pollinate new ideas, technologies and worldview. It has 31 departments and 11 schools in Sciences, Technology, Education, Humanities, Social Sciences and Law disciplines along with 4 Centres & 3 Chairs (Sri Guru Gobind Singh Chair, Satguru Baba Ram Singh Chair & Baba Saheb B. R. Ambedkar Chair). It offers 44 PG and 29 PhD programmes, besides four certificate and two diploma courses in these disciplines. Despite the locational disadvantage, the University in a true sense is a multi-cultural mini India as it has students from 29 states, faculty from 25 states and non-teaching staff from 12 states. The University has been a forerunner in terms of research projects and publications amongst the newly established Central Universities which is evident from the Faculty to Projects and Faculty to Publications Ratio.

### **Maharaja Ramjit Singh Punjab Technical University, Bathinda**

MRSPTU is an affiliating Technical University, established by Govt. of Punjab vide Punjab Act No. 5 of 2015 notified through Punjab Government Gazette-Extraordinary (Regd. No.

CHD/0092/2015-2017) notification No. 5- Leg./2015 dated 12th February 2015 and registered u/s 2(f) and approved u/s 12B by UGC. With spontaneous upswing in demand for quality Technical Education, the University was established to mitigate regional imbalance in distribution of temples of quality technical education in the State, for exponential socio-economic growth of the Malwa region, to bridge the gap between demand and supply of employable technical human resource. The University presently caters 51 affiliated and 5 constituted college located in Barnala, Bathinda, Faridkot, Fatehgarh Sahib, Fazilka, Ferozepur, Mansa, Moga, Patiala, Sangrur and Sri Muktsar Sahib districts. The objectives of MRSPTU are to provide, upgrade and promote quality technical education, training and research, to create strong innovation ecosystem and a conducive environment for the pursuit of outcome driven industry-academia interaction. The University is accredited by NAAC and featured among Beginner band in ARIIA ranking and is also a member of the Association of India Universities. With students from 23 states, it presently offers >70 academic programmes at UG, PG and Doctoral level with implementation of CBCS and OBE practices. MRSPTU is frontrunner in providing consultancy in various areas and leading the research linked with regional and societal issues. With spontaneous upswing in demand for quality Technical Education, the University was established to mitigate regional imbalance in distribution of temples of quality technical education in the State, for exponential socio-economic growth of the Malwa region, to bridge the gap between demand and supply of employable technical human resource. The University presently caters affiliated and 5 constituted college located in Punjab. The objectives of MRSPTU are to provide, upgrade and promote quality technical education, training and research, to create strong innovation ecosystem and a conducive environment for the pursuit of outcome driven industry-academia interaction. The University is accredited by NAAC and featured among Beginner band in ARIIA ranking and is also a member of the Association of India Universities. With students from 23 states, it presently offers >70 academic programmes at UG, PG and Doctoral level with implementation of CBCS and OBE practices. MRSPTU is frontrunner in providing consultancy in various areas and leading the research linked with regional and societal issues.

### **PROGRAMME OUTCOMES:**

1. Understanding the concept and types of IPRs.
2. Getting knowledge of procedures and legal provisions associated with different types of IPRs.
3. Gaining awareness about the legal framework for IPR protection at national and international level.
4. Recognizing the value of IPRs as a strategy for commercial advantages and its protection.
5. Developing a knowledge base in relation to IPR to add value in the career profile.

6. Developing skilled individuals with knowledge of IPR through multidisciplinary interaction.

**OTHER DETAILS:**

**Programme Level and Duration:** One Year [Two Semester] Diploma

**Eligibility:** Undergraduate in any discipline.

**Mode of Operation:** Jointly by CUPB and MRSPTU faculty members

Dissertation/Project work under joint supervision of faculties from both institutions.

**Fees sharing:** 50:50

**Admission:** By CUPB

Programme coordinators are to be appointed from both universities to ensure the smooth execution of the programme.

**Award of Diploma:** To be awarded jointly at CUPB

**Total No. of Seats:** 15

**Programme Fee:** Decided by Fee Committee of CUPB and MRSPTU

## PG Diploma in Intellectual Property Rights (1 year) Scheme

| SEMESTER 1 <sup>st</sup> |                                                                                | Contact Hrs./wk |   |   | Credits |
|--------------------------|--------------------------------------------------------------------------------|-----------------|---|---|---------|
| Subject Code             | Subject Name                                                                   | L               | T | P |         |
| PGDIP 101                | Introduction to Intellectual Property Rights                                   | 3               | 1 | 0 | 4       |
| PGDIP 102                | Patent Law                                                                     | 3               | 1 | 0 | 4       |
| PGDIP 103                | Industrial, Layout Design Law, and Trademark Law                               | 3               | 1 | 0 | 4       |
| PGDIP 104                | Law of Copyright and Allied Rights                                             | 3               | 1 | 0 | 4       |
| PGDIP 105                | Protection of Traditional Knowledge, Plant Varieties, Geographical Indications | 3               | 0 | 0 | 3       |
| PGDIP 106                | Intellectual Property Rights Practical I                                       | 0               | 0 | 2 | 1       |
|                          | TOTAL                                                                          | 15              | 5 | 0 | 20      |

| SEMESTER 2 <sup>nd</sup> |                                                                                                                                                                                                                                                                                                                                             | Contact Hrs./wk |   |    | Credits |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---|----|---------|
| Subject Code             | Subject Name                                                                                                                                                                                                                                                                                                                                | L               | T | P  |         |
| PGDIP 201                | Trade Secrets and Competition Law                                                                                                                                                                                                                                                                                                           | 3               | 0 | 0  | 3       |
| PGDIP 202                | Management of IPRs, Technology Transfer/licensing                                                                                                                                                                                                                                                                                           | 3               | 0 | 0  | 3       |
| PGDIP 203                | Intellectual Property Rights Practical II                                                                                                                                                                                                                                                                                                   | 0               | 0 | 4  | 2       |
| PGDIP 204                | Case studies/Technology landscape/ Dissertation/Empirical Research/ Apprenticeship or Internship or Training in any one of the following: Patent Information centers, Patent Facilitation center, Law firms, IPR cell in academic institute or industry, Technology transfer office/Incubation Centre or any other institution/organization | 0               | 0 | 24 | 12      |
|                          | TOTAL                                                                                                                                                                                                                                                                                                                                       | 6               | 0 | 28 | 20      |

# PG Diploma in Intellectual Property Rights (One Year)

## Syllabus

### SEMESTER 1

| Introduction to Intellectual Property Rights |                |                        |
|----------------------------------------------|----------------|------------------------|
| <b>Subject code:</b>                         | <b>L T P C</b> | <b>Contact hrs. 60</b> |
| PGDIP 101                                    | 3 1 0 4        |                        |

**Course objectives:** The course is designed to provide comprehensive knowledge to the students regarding the general principles of IPR, concept and theories: national and international, and emerging issues

**Course Learning Outcomes [CLOs]:** Students will be able to:

- Understand the importance of intellectual property rights
- Compare various national and international IPR regime
- Learn challenges in IPR

#### **Unit 1: General Introduction to Intellectual Property Rights** **15hrs [CLO 1]**

- Theories on concept of Property i.e. Public vs. Private, Tangible vs. Intangible,
- Origin and Development of Intellectual Property Rights
- Meaning, Nature, Need and Forms of Intellectual Property Rights

#### **Unit 2: International IPR regime** **15hrs [CLO 2]**

- The WIPO Convention, 1967
- The TRIPS Agreement, 1994
- World Intellectual Property Organization (WIPO): Functions and Membership
- GATT Agreement 1947

#### **Unit 3: National Dimension of IPR** **15hrs [CLO 2]**

- Overview of Major Intellectual Property Rights Laws in India
- Authorities: Department for Promotion of Industry and Internal Trade,
- Office of Controller General of Patents, Designs and Trademarks
- National IPR Policy 2016
- Scheme For "Building Awareness on Intellectual Property Rights (IPR)" For Micro, Small And Medium Enterprises (MSMEs) under National Manufacturing Competitiveness Program (NMCP)

#### **Unit 4: Emerging Issues in IPR** **15hrs [CLO 3]**

- Human rights

- Challenges to implementation of IPR in India
- Criticisms of intellectual property rights

#### **Suggested books**

- W. R. Cornish, Intellectual Property: Patents, Copyright, Trade Marks and Allied Rights (Sweet & Maxwell, 2003)
- V.K.Ahuja, Intellectual Property Rights in India (Lexis Nexis, Butterworths, Wadhwa, Nagpur, 2017)
- S.K. Verma, Intellectual Property Rights: A Global Vision (ILI, New Delhi, 2004)
- N.S. Gopalakrishnan and T.G. Ajitha, Principles of Intellectual Property, (Eastern Book Company, 2nd edn., 2014)
- **Saurabh Bindal, Intellectual Property Law: An Introduction, Eastern Book Company, 2023**

| <b>Patent Law</b>    |                |                        |
|----------------------|----------------|------------------------|
| <b>Subject code:</b> | <b>L T P C</b> | <b>Contact hrs. 60</b> |
| PGDIP 102            | 3 1 0 4        |                        |

**Course objectives:** The course is designed to provide comprehensive knowledge to the students regarding Indian position of the Patent Law (1970), Historical development, Procedure for granting a patent and infringement.

**Course Learning Outcomes [CLOs]:** Students will be able to

- Learn the Patents Act and patent rights
- Understand the procedure to obtain IPRs and learn the functioning of patent office
- Learn about the patent infringement and its remedies

**Unit 1: Patents Act** **10hrs [CLO 1]**

- Patents Act 1970, amendments and its applicable rules
- Patentable subject matter, Patentability criteria, non-patentable inventions

**Unit 2: Patent rights** **20hrs [CLO 1]**

- Rights and obligations of patentee
- Procedure for granting a patent and obtaining patents
- Grounds for opposition
- Working of Patents, Compulsory License
- Acquisition, Surrender, Revocation, restoration
- Transfer of patent rights

**Unit 3: Office of the Controller of Patent** **10hrs [CLO 2]**

- Powers of Controller of Patents

- Register of patent
- Patent agent and his powers
- Provisions and conditions for Compulsory License

#### **Unit 4: Infringement and Enforcement**

**20hrs [CLO 3]**

- Jurisdiction
- Infringement proceedings
- Criteria of infringement: direct, contributory, and induced
- Modes of infringement (doctrine of colourable variation) - onus of proof
- Official machinery, controller, powers and functions
- Defenses of infringement
- Remedies for infringement and passing off: Civil remedies and criminal remedies

#### **Suggested books**

- P.S. Narayana Intellectual Property law in India
- J.P.Mishra An Introduction to Intellectual Property Rights
- S.R. Myneni Law of Intellectual Property rights
- J.P.Mishra An Introduction to Cyber Laws
- **P Narayanan, Patent Law, Eastern Law House, 2023**

| <b>Law of Industrial Designs and Trademark Law</b> |                |                        |
|----------------------------------------------------|----------------|------------------------|
| <b>Subject code:</b>                               | <b>L T P C</b> | <b>Contact hrs. 60</b> |
| PGDIP 103                                          | 3 1 0 4        |                        |

**Course objectives:** This course provides students with a comprehensive understanding of intellectual property protection through trademarks and industrial designs. Exploring national and international trade agreements, students grasp their significance in safeguarding rights. They gain insights into trademark and industrial design frameworks, laws, registration procedures, and enforcement mechanisms, enhancing their ability to navigate intellectual property law effectively.

**Course Learning Outcomes [CLOs]:** Students will be able to

- Understand the historical development and fundamental concepts of trademarks, including their nature, kinds, and significance in commerce.
- Acquire knowledge about national and international legal frameworks.

- Analyze the legal provisions and procedures related to trademarks and industrial designs, evaluate the implications of trademark infringement and explore various remedies available under the law for enforcement and protection.
- Apply the learned concepts to real-world scenarios, fostering a deeper understanding of intellectual property protection in commercial contexts.

**Unit 1: Fundamentals of Intellectual Property (IP) Law (12 hours) [CLO 1]**

- Historical development of trademark and industrial design concepts
- Introduction to IP laws, both national and international
- Meaning, nature, and types of trademarks and industrial designs
- Objectives, definitions, and concepts of trademarks and industrial designs
- False trade descriptions and their implications
- Overview of protection mechanisms for trademarks and industrial designs
- Understanding the overlap between trademarks and industrial designs

**Unit 2: International Framework for IP Protection (12 hours) [CLO 2]**

- Overview of International Trademark Regimes
- The role and influence of key international agreements and conventions:
  - Paris Convention 1883
  - Madrid Agreement 1891
  - Nice Agreement 1957
  - Vienna Agreement 1973
- Comparative analysis of international IP frameworks for trademarks and industrial designs

**Unit 3: National Legal Framework: Trademarks Act, 1999 (12 hours) [CLO 2]**

- Understanding the structure and function of the Registrar of Trademarks
- Statutory authorities governing trademarks and industrial designs in India
- Selection criteria for trademarks and industrial designs
- Registration procedures for trademarks and industrial designs
- Effects of registration, assignment, and transmission of trademark rights
- Grounds for refusal of registration: Absolute and relative grounds

**Unit 4: Enforcement and Protection Mechanisms (12 hours) [CLO 3]**

- Duration, removal, and restoration of trademark and industrial design rights
- Examination of registered and unregistered trademark and design rights

- Infringement of trademark and design rights
- Available remedies for trademark and design infringements
- Case studies and practical applications of enforcement mechanisms

#### **Unit 5: Application and Practice**

**(12 hours) [CLO 4]**

- Practical application of trademark and industrial design laws
- Analysis of real-world cases and scenarios
- Interactive sessions and workshops for deeper understanding
- Discussion on suggested books and additional reading materials for further exploration
- Q&A sessions and review of key concepts

#### **Suggested book**

- The Designs Act, 2000
- The Semiconductor Integrated Circuits Layout-Design Act, 2000.
- S. Venkataraman, Understanding Design Law (Universal Law Publishing Co. Pvt. Ltd, New Delhi, 2008).
- Trade Marks Act, 1999
- Bansal, Law of Trade Marks in India with introduction to Intellectual Property Laws (Institute of Constitutional and Parliamentary Studies, New Delhi, 2009)
- D.P. Mittal, Trade Marks, Passing Off & Geographical Indications of Goods: Law and Procedure (Taxmann Allied Services, New Delhi, 2002)
- K.C. Kailasam, R.Vedaraman, Law of Trade Marks Including International Registration under Madrid Protocol & Geographical Indications (Wadhwa & Co., Nagpur, 2017)

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#### **Law of Copyright and Allied Rights**

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**Subject code:**

**L T P C**

**Contact hrs. 60**

PGDIP 104

3 1 0 4

**Course objectives:** The course is designed to acquaint the students with basic terminology of Copyright and protection of the rights related to it and penalties for its violations

**Course Learning Outcomes [CLOs]:** Students will be able to

- Learn various treaties associated with copyright
- Understand the fundamental of copyrights
- Learn the process of licensing a copyright
- Understand the ownership, judiciary, infringement of copyright and its remedies

**Unit 1: Introduction to concept of Copyright** **15hrs [CLO 1]**

- Historical evolution of concept of copyright and development of copyright laws
- International treaties and conventions: Marrakesh Treaty, 2013 Berne Convention, 1886 Beijing Treaty, 2012 Rome Convention, 1961
- WIPO Copyright Treaty (WCT) 1996, WIPO Performances and Phonograms Treaty, 1996
- Universal Copyright Convention, 1952.

**Unit 2: Fundamentals of Copyright** **15hrs [CLO 2]**

- Copyright – Concept of Originality and Idea vs Expression dichotomy
- Subject matter of Copyright: original Literary, Drama, musical works, sound Records,
- Cinematograph films
- Copyright as an Economic, Human and Moral rights

**Unit 3: Law related to Copyright & its licensing and Registration in India** **15hrs [CLO 3]**

- Procedure for registration: e-filing facility
- Ownership and Assignment of Copyright
- Term of Copyright, License: Voluntary/Statutory/Compulsory
- Effects of Copyright registration and its protection outside India, International Copyright
- Copyright Office and Appellate Board, Copyright Societies

**Unit 4: Infringement of Copyright and Remedies** **15hrs [CLO 4]**

- Limitations and Exceptions: Fair Dealing
- Infringement and Remedies and Reliefs- Civil/Criminal/Administrative Injunction- Anton Piller
- Judiciary and Copyright
- Copyright in the Commercial world

**Suggested books**

- Copyright Act, 1957
- P. Narayanan, Law of Copyright and Industrial Designs (Eastern Law House Ltd., New Delhi, 2017)
- H.K. Saharay, Iyengar's Commentary on the Copyright Act (Universal Law Publishing, 2016)

- Alka Chawla, Copyright and Related Rights: National and International Perspectives (Macmillan India Ltd., Delhi, 2007)
- Padmanabhan, Intellectual Property Rights Infringement and Remedies (Lexis Nexis, 2012)

| <b>Protection of Traditional Knowledge, Plant Varieties, Geographical Indications</b> |                |                        |
|---------------------------------------------------------------------------------------|----------------|------------------------|
| <b>Subject code:</b>                                                                  | <b>L T P C</b> | <b>Contact hrs. 45</b> |
| PGDIP 105                                                                             | 3 0 0 3        |                        |

**Course objectives:** The course aims to equip students with a comprehensive understanding of the legal frameworks and mechanisms for safeguarding traditional knowledge, plant varieties, and biotechnological inventions. The course will also delve into the legal regimes governing plant variety protection and the role of plant patents. Furthermore, students will examine the complex landscape of biotech inventions, including patentability criteria, ethical considerations, and the interplay between biotechnology and traditional knowledge.

**Course Learning Outcomes [CLOs]:** Students will be able to

- Understand the challenges and opportunities associated with the protection of traditional knowledge, including issues of cultural heritage and intellectual property rights.
- Gain insight into the knowledge and skills required to recognize and document traditional knowledge and plant varieties.
- Navigate the intricacies of protecting traditional knowledge, plant varieties, and biotech inventions in a globalized and innovation-driven world.
- Develop the skills to analyze and resolve complex issues and conflicts that arise in the protection of traditional knowledge, plant varieties, and biotech inventions.

#### **Unit 1: Introduction**

**15hrs [CLO 1]**

- Meaning and Scope of traditional Knowledge
- Interface between IP and traditional Knowledge
- Need and Significance of protection
- International instruments on Traditional Knowledge
- Developments in WIPO.

#### **Geographical Indications**

- Objectives of Geographical Indications goods
- Evolution and Meaning of concept of geographical indications
- Geographical Indications of Goods (Registration and Protection) Act, 1999

- Difference between a geographical indication and a trademark
- Classification of goods for Geographical Indications
- Prohibited geographical indications
- Registration of geographical indications
- Lisbon Agreement 1958

## **Unit 2: Recognition and Documentation**

**10hrs [CLO 2]**

- Recognition and Documentation of Traditional Knowledge
- Various databases
- Traditional Knowledge Digital Library "TKDL"
- AYUSH Systems of Medicines
- Biodiversity Register

## **Unit 3: Statutory Protection of Traditional knowledge and Plant Varieties**

**12hrs [CLO 3]**

- Traditional Knowledge as Property
- Nature of Property in genetic Resources and associated traditional Knowledge
- Ownership in Traditional Knowledge: Nature and Elements of Ownership
- Exclusivity and Protection
- Benefit Sharing
- Protection of Plant Varieties and Farmer's rights act 2001
- GM Crops
- Objectives of Plant Varieties Act
- Registration of Plant Varieties
- Duration and effect of Registration
- Infringement, Offences, Remedies

## **Unit 4: Biotechnological and Pharmaceutical Innovations**

**8hrs [CLO 4]**

- Introduction: Basic concept
- Protection of Biological Inventions
- Plant Patent Protection in India
- Biotech Patents in India

- Research and Development in Biotechnology
- NCE, Vaccine, Antibodies, GM
- Issues faced by biotech inventions under IPR laws – Budapest Treaty: NBA

#### **Suggested books**

- The Protection of Plant Varieties and Farmers' Rights Act, 2001
- S.R. Reddy and V.K. Reddy, Biodiversity, Traditional Knowledge and Intellectual Property Rights (Scientific Publishers, 2016)
- S Bala Ravi, "Effectiveness of Indian Sui Generis Law on Plant Variety Protection and its Potential to Attract Private Investment in Crop Improvement", Journal of Intellectual Property Right (2004)

| <b>Intellectual Property Rights Practical I</b>                                                                                                                                                                                                                                                                                                                           |                |                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------|
| <b>Subject code:</b>                                                                                                                                                                                                                                                                                                                                                      | <b>L T P C</b> | <b>Contact hrs. 30</b> |
| PGDIP 106                                                                                                                                                                                                                                                                                                                                                                 | 0 0 2 1        |                        |
| <b>Course objectives:</b> The course is designed to provide comprehensive knowledge and hands-on experience and practical understanding of the processes and procedures involved in managing intellectual property rights. This includes practical knowledge of conducting patent searches, drafting patent applications, filing trademarks, and copyright registrations. |                |                        |

#### **Course Learning Outcomes [CLOs]:** Students will be able to

- apply their knowledge of intellectual property rights in practical scenarios.
- have the skills to analyze and assess the value of intellectual property assets.
- to analyze business objectives, identify potential IP assets, and create strategies for protection, commercialization, and enforcement.

#### **Suggested practicals**

- Group discussion and video module on introduction to trademark and global significance
- Hands-on workshop on conducting patent search, drafting patent application, design registration and filing trademarks
- Learning about techno-legal strategy to protect intellectual property to avoid intellectual crimes and plagiarism
- Case studies on trademarks
- Hands-on workshop on industrial design registration
- Hands-on workshop on layout registration
- **Seminar/Journal club/ Assignments-** Students are expected to submit THREE written

assignments (1500 – 2000 words) on the topics given to them covering the areas dealt in theory class.

## Semester 2

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### Trade Secrets and Competition Law

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|                      |                |                        |
|----------------------|----------------|------------------------|
| <b>Subject code:</b> | <b>L T P C</b> | <b>Contact hrs. 45</b> |
| PGDIP 201            | 3 0 0 3        |                        |

**Course objectives:** The course on Trade Secrets and Competition Law aims to provide students with a comprehensive understanding of the legal framework governing trade secrets and competition in business environments. The course will delve into the complex interplay between trade secrets and competition law, focusing on the regulations and remedies aimed at maintaining fair competition.

**Course Learning Outcomes [CLOs]:** Students will be able to

- Understand trade secrets and methods to protect them
- Learn the various act associated with trade secret and competition law
- Learn prohibited activities under competition law
- Understand the judicial authorities to manage trade secrets

#### Unit 1: Introduction

10hrs [CLO 1]

- Trade Secrets: Concept and origin
- Need to protect Trade secrets
- Essentials and Misuse of Trade Secrets
- Protection of Trade secrets
- Concept of Competition Law: Fair and unfair Competition
- Origin and Objectives of Competition Law
- Scope and Limitations of competition law

#### Unit 2: Sources of Competition Law

15hrs [CLO 2]

- Competitions Law in a Comparative perspective (EU, US, India)
- MRTP Act, 1969
- EC Competition Law
- The Clayton's Act 1914
- The Sherman's Act, 1890
- The Competition Act, 2002

#### Unit 3: Prohibited Activities under Competition Law

10hrs [CLO 3]

- Anti-competitive agreement

- Abuse of Dominant position
- Unfair Trade Practices
- Bid Rigging
- Predatory Pricing
- Tying

#### **Unit 4: Authorities and Enforcement of Competition Law**

**10hrs [CLO 4]**

- Competition Commission of India
- Constitution of Commission
- Powers and Functions of the commission
- National Company Law Appellate Tribunal
- Judicial Review by the High Court and the NCLAT
- Merger Control Regulations
- Interface between Competition Law and IPRs
- Approaches to Competition Law
- Welfare measures

#### **Suggested books**

- "Trade Secret Law in a Nutshell" by Sharon Sandeen and Elizabeth Rowe
- "Trade Secrets: A Practitioner's Guide" by Trevor Cook and Mark Anderson
- "Trade Secrets: Law and Practice" by David W. Quinto and Stuart H. Singer
- Abir Roy, Competition Law in India: A Practical Guide, (Kluwer Law International, 2016).
- Avtar Singh, Law of Consumer Protection; Principles and Practice, (Eastern Book company, 2005).
- D.P. Mittal, Competition; Law and Practice, (Taxmann Publications, 2011).
- Dhall. Vinod (ed.), Competition Law Today, (Oxford University Press, Delhi, 2007)

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**Management of IPRs, Technology Transfer/licensing**

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**Subject code:****L T P C****Contact hrs. 45**

PGDIP 202

3 0 0 4

**Course objectives:** The course is aims to provide students with a comprehensive understanding of the principles, strategies, and practical aspects of effectively managing intellectual property assets.

**Course Learning Outcomes [CLOs]:** Students will be able to

- Develop critical skills in analyzing and assessing intellectual property issues, formulating IP strategies.
- Understanding the challenges in practice in navigating the legal and business challenges associated with IPR management.
- Apply the knowledge and tools necessary to effectively manage and leverage intellectual property assets in diverse organizational settings.
- Gain knowledge about management of IPRs and tech-transfers.

**Unit 1: Introduction****10hrs [CLO 1]**

- Economics of Innovation
- Classical Theories
- Neo-classical Theories
- Exogenous and Endogenous Growth Theories
- Schumpeterian Growth Theories
- Human Capital Theories
- Evolutionary Growth Theories

**Unit 2: Domain of Public funded research****10hrs [CLO 2]**

- Industrial Classification: Traditional Vs Knowledge Based Industries
- Intangible Assets – Definition & Characteristics
- Intangible Assets & Accounting Standards
- Intellectual Property as Strategic Corporate Assets

**Unit 3: Commercialization of Intellectual Property****10 hrs [CLO 3]**

- Traditional IP and Evolving IP
- Licensing and Cross License
- Patent Pool and Negotiations
- Defensive Publications

- Technical Disclosures
- Patent Pooling
- Patent Trolling
- Brand Management: Brand and Pricing Strategies
- Patent Mining
- Patent Landscaping and Patent Mapping

#### **Unit 4: Strategic Management and Valuation of Intellectual Property 15 hrs [CLO 4]**

- Defensive & Offensive Strategies
- Intellectual Asset Management
- Intellectual Property Audit
- Identification & Grouping of Intangible Assets into Bundles
- Intangible Asset Management Plan
- Value Maximization Strategies
- Value Extraction Strategies
- Licensing Process and Management
- Need for IP Valuation
- Approaches of IP Valuation: Cost Approach, Income Approach, Market Approach
- Methods of IP Valuation – "25% Rule" Method, Industry Standards Method, Ranking Method, Surrogate Methods, Disaggregation Methods, Monte Carlo Method, Real Options Methods, The CAV Method, Market Value Method
- Collateralization of IPA

#### **Technology transfer**

- Technology transfer bottlenecks
- Data analysis and handling
- Industrial Management
- Technology Transfer Agreements
- Technology Transfer
- Commercialization
- Modes of Licensing

- Grant Interpretation
- Termination and Royalty Clauses
- Intellectual Property Issues in the Sale of Business
- IPR and Corporate Transaction
- Legal Auditing of Intellectual Property
- Challenges in IPR, biopiracy, social issues in IPR

#### **Suggested books/recommendation**

- Intellectual Property Rights: A Managerial Perspective" by Prabuddha Ganguli and Moushami P. Joshi
- "Intellectual Property Management: A Primer" by Punita Bhargava
- Intellectual Property: Patents, Copyrights, Trademarks, and Allied Rights" by P. Narayanan

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| <b>Intellectual Property Rights Practical II</b> |                |                        |
|--------------------------------------------------|----------------|------------------------|
| <b>Subject code:</b>                             | <b>L T P C</b> | <b>Contact hrs. 30</b> |
| PGDIP 203                                        | 0 0 2 1        |                        |

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**Course objectives:** The course is designed to provide comprehensive knowledge about business goals, identify valuable IP assets, and create strategies for protection, commercialization, and enforcement of intellectual property rights.

#### **Course Learning Outcomes [CLOs]:**

- Students will gain competence in managing intellectual property rights in real-world situations.
- Students will be able to handle licensing agreements, technology transfer processes, and enforcement actions.
- Students will have the skills to navigate challenges such as infringement disputes, IP valuation, and trade secret protection.

#### **Suggested practicals**

- Hands-on Training on Patentability Assessment
- Group Discussion on IP Valuation of Patent
- Case studies on infringement disputes
- Case Studies on Biodiversity
- Case studies on Biotechnology and Pharmaceutical [plant/animal/ microbial] and/or Law

- **Seminar/Journal club/ Assignments-** Students are expected to submit THREE written assignments (1500 – 2000 words) on the topics given to them covering the areas dealt in theory class.

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| <b>Project Work/ Dissertation</b> |          |                        |
|-----------------------------------|----------|------------------------|
| <b>Subject code:</b>              | <b>C</b> | <b>Contact hrs. 24</b> |
| PGDIP 204                         | 12       |                        |

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Case studies/Technology landscape/ Dissertation/ Empirical Research/ Apprenticeship or Internship or Training in any one of the following: Patent Information centers, Patent Facilitation center, Law firms, IPR cell in academic institute or industry, Technology transfer office/Incubation Cell or any related institution/organization.

Jointly under the supervision of faculty members of CUPB and MRSPTU as per the basic domain of the candidate.