



Gujarat Technological University

Launches

“Post Graduate Diploma in IPR”

(Off Campus Program)

Batch starts from 1st September 2014 Last Date to apply 24th August 2014

GTU/CPSD/2014/277/5325

04.08.2014

PREAMBLE:

Intellectual property right (IPR) and in particular Patent is playing a key role in the current Knowledge based economy of any country. In the last year, from India 45,000 patents have been filed. But out of these 80% patents have been filed by Multinational Company and OR foreign individuals and rest by Indian researchers. In the last year from China, 5,50,000 patents have filed. Out of which only 20% patents have been filed by Multinational Company and OR foreign individuals and rest by Chinese researchers. The reason for this big difference between India and China is in the amount of IP literacy among the research community. In China, IPR is the compulsory subject at school level. Due to this many professional working in the field of IPR and patents are available in China.

GTU has organized nearly 40 workshops in last three years and by that way provided training to 4,000 faculty members for the Basic to advance level of IPR as well as conducted workshops for students too. GTU has introduced “*Patent Search and Analysis Report (PSAR) Generation*” compulsory to BE (Sem 7) and M. Pharm (Sem 3) students. Further, “*Patent Drafting Exercise (PDE)*” is introduced in BE (Sem 8). Due to these efforts nearly 250 patents have been filed by GTU students and faculty member.

Further, to increase the skilled human resource that are not only technically sound but also having in-depth knowledge of IPR and patents, GTU is launching “**Post Graduate Diploma in IPR**” course from September 2014.

OBJECTIVES OF THE COURSE:

- 1) Increase skilled man power in the field of IPR and Patents.
- 2) Students/ faculty can take up this program along with their parallel study/ work as a Skill development program.

- 3) There is big demand of technocrats, who possess knowledge of IPR and Patents in research based Pharmaceutical and Engineering industry, so this program will increase employability of our students.
- 4) After thorough training of this course, students can start their own consultancy firm in the field of IPR and Patents. So students can become Entrepreneur after going through this program.
- 5) This will bridge the gap between Indian and Chinese figure of patents filing per year.

PROGRAM STRUCTURE:

Name of Course	Duration	Mode of study	Proposed Fees (Rs.)	Eligibility
PG Diploma in IPR	12 months	2 days per month (Usually Saturday & Sunday) (Total 24 contact days)	Rs. 25,000/-	Student currently pursuing OR completed Master/ PhD in Pharmacy/ Engineering/ Management /Science OR Faculty member from GTU affiliated Pharmacy/ Engineering/ Management colleges OR Any working professional possessing Basic science degree / Technical degree

HOW TO APPLY

Candidate can fill up the form attached separately with this circular. Fill up all details and send the form with necessary documents along with payment challan of **Rs. 25,000/-** fees paid using online SBI to below mentioned address with subject on the cover “**Application for PG Diploma in IPR**”.

To, The Registrar, Gujarat Technological University, Nr. Vishwakarma Government Engineering College Nr. Visat Three Roads, Visat-Gandhinagar Highway Chandkheda, Ahmedabad – 382424 – Gujarat

For payment refer below mentioned guideline document:

<http://gtu.ac.in/ImpCircular/SBIPayment%20Instructions.pdf>

IMPORTANT DATES

Forms available from	:	4 th August 2014, Monday
Last date of submission of forms	:	24 th August 2014, Sunday
Commencement of Course	:	1 st September 2014, Monday

UNIQUE FEATURES OF THIS COURSE

- *Off campus Program (Candidates can take up this course with his/ her ongoing study or job)*
- *120 hours of contact classes (This is highest among all such kind of program)*
- *Chinese Patent System (This is 1st time offered by any institute in India)*
- *ARIPO Patent System (This is 1st time offered by any institute in India)*
- *Case study based learning (Each module will be supplemented with case study)*
- *Indian Patent Agent Exam Module (This is offered with PG Diploma course 1st time by any institute in India)*
- *Faculty from GTU, reputed law firms, IPR cells of Industry, Patent Officers and Foreign Experts will conduct the contact classes (This is to get diversified pull of expertise)*

FOR FURTHER INQUIRY

Kindly contact: **Dr. Manish A. Rachchh**, Associate Professor, GTU, Ahmedabad on manish.rachchh@gtu.edu.in. You can also contact during office hours on 079-23267537 / 9909961894

SYLLABUS OF PG DIPLOMA IN IPR

Module I - Introduction to IPR & Patents

1.1 Understanding of Intellectual Property Rights

- Introduction of IPR
- History of Patent Protection
- Rationale behind Patent System
- WTO, TRIPS and WIPO

1.2 An Overview of the IPR Regime

- Patents
- Trademarks
- Copyrights
- Industrial Designs
- Geographical Indication
- Semiconductor Circuits & Layout Design
- Plant Variety & Farmer's Right Act
- Undisclosed Information - Trade Secrets

1.3 Legislations and Salient Features of Patent Act

- History of Indian Patent Act
- Indian Patents Act 1970
- Patent Amendment Act 2005
- WTO-TRIPS – Key effect on Indian Legislation
- Organization of Patent System in India

1.4 Definition and Content of Indian Patent System

- Definition of Patents and related words
- Subject matters patentable in India
- Non patentable subject matters in India

Module II – Patent Search, Drafting & Filing procedure in India

2.1 Patent Search

- Overview of Patent Search
- Advantages of patent search
- Open source and paid databases for Patent Search
- Patent Search Methodology
- International Patent classification system

2.2 Patent Drafting

- Pre drafting requirement
- Types of specifications
- Drafting of Provisional specifications
- Drafting of complete specifications
- Drafting of claims

2.3 Patent Filing Procedure in India

- Filing procedure for Ordinary application
- Convention application
- PCT International Phase application
- PCT National Phase application
- Patent of addition
- Divisional application

2.4 Patent Prosecution in India

- Publication of patent
- First Examination Report
- Time limit for different phase of prosecution
- Pre Grant opposition
- Post Grant opposition

Module III – Patent Enforcement in India and International Patent Systems

3.1 Enforcement of Patents

- Term of a patent
- Rights of the Patentee
- Obligations of a Patentee
- Working of a patent
- Compulsory Licensing
- Revocation of Patents

3.2 Infringement of Patents

- Infringement & remedies
- Literal Infringement
- Infringement by Doctrine of equivalents
- Defenses to Infringement

3.3 International Patent Systems

- US Patent System (USPTO)
- European Patent System (EPO)
- Chinese Patent System (SIPO)
- African Regional Intellectual Property Organization (ARIPO)

Module IV – International Patent Treaties & Preparation of Indian Patent Agent Exam

4.1 International Treaties for Patent

- Paris Convention
- Patent Co-operation Treaty (PCT)

4.2 Multilateral Agreements

- Budapest Treaty
- Madrid protocol
- Hague Agreement
- Convention of Bio-Diversity

4.3 Preparation of Indian Patent Agent Exam

TEACHING METHODS

1. Reading Materials - Print form

The students will be provided printed modules of materials prepared by GTU. The Modules are prepared by subject experts and will cover the detailed syllabi, suggested readings of books and titles.

2. Web support

The modules will also be available on the website. The web site will have periodic updates and will have guest columns from the subject experts. The website will be on a password basis free of cost to the enrolled candidates. The learners can interact with subject guides through e-mail.

3. Contact Classes

GTU will organize 2 days contact classes once in a month preferably on Saturday & Sunday. IPR Faculty from GTU as well as experts of IPR from other institutes and corporate will conduct the classes.

EXAM PATTERN

There will be exam at the end of 6 months of the course.

One paper theory.....100 marks (40 marks MCQ)

One practical paper.....100 marks

At the end of 12 months, there will be exam once again.

One paper theory.....100 marks (40 marks MCQ)

One practical paper.....100 marks

NOTE: Minimum passing mark for any subject is 40% and in total minimum 50% including practical component.

I/c Registrar

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