



Co-funded by the
Tempus Programme
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**MASTER PROGRAMME OF IP AND INNOVATION MANAGEMENT
HELWAN UNIVERSITY**

PROF. DR. YASSER MOHAMED GADALLAH

ACTING DEAN OF THE NATIONAL INSTITUTE FOR IP-HELWAN UNIVERSITY- CAIRO- EGYPT

CURRENT STATUS OF IP MASTER PROG. IN HU:



- We were starting our program in October 2015.
- We have two classes: one in 2015/2016 (14 students) and the second in 2016/2017 (26 students).
- The first class will graduate by the end of 2016/2017.
- We have a progress in teaching IP from Master degree to establish the National Institute for IP (NIIP) at Helwan University.
- Under the umbrella of NIIP, we developed a Ph.D program in IP and we received the first group (11 students).
- NIIP has been established in June 2016 based on the Decree of Prime Minister to be the 23rd Institution in HU.
- Total number of students at NIIP are 51 students.
- Number of staff is 10.
- We allocated a very fantastic location for the study in Garden City behind the American Embassy in Cairo.

VISION:



- To be a distinct, specialized research program of study, from a legal and economic perspective, in various areas of IPRs, and how to employ them in achieving economic, social, cultural and technological development.

MISSION:



- Supporting the protection systems for commercial and industrial exploitation of IPRs,
- raising the efficiency of management, encouraging innovation, facilitate access to the technology associated of those rights,
- maintaining a balance between producers and users of technological innovation and artistic and literary creativity outcomes,
- in addition to capacity building of the qualified professional human resources on how to deal with the IPRs areas, as well as providing them with the consultancy for individuals and organizations, inside and outside Egypt, in the area of registration and protection of all IPRs,
- and to promote related awareness, knowledge, and cooperation with international organizations, Arab, and international universities for sharing experiences in this area.

PROGRAM OBJECTIVES:



- The Master's program is aimed to achieve its vision and mission, through the following objectives:
- Offering a specialized postgraduate program in intellectual property to allow law and non-law students to develop their knowledge and experience in terms of cases and problems of protection and utilization of intellectual property rights from both legal and economic perspectives.
- Conducting and encouraging research and studies, and publishing their findings to support and enhance systems and economies of the protection and exploitation of intellectual property rights, in different fields of intellectual and artistic creativity and technological innovation.

PROGRAM OBJECTIVES:



- Capacity building in conducting feasibility studies of projects and companies that intended to contract licenses of industrial application of technological inventions.
- Capacity building in negotiations management and preparation of terms and conditions of the various exploitation of intellectual property rights contacts between both users and producers of technological inventions, literary and artistic creations.
- Preparation of highly qualified and competitive professional and academic human resources able to provide innovative and creative solutions to the various problems of protection and exploitation of intellectual property. In addition to enhancing the entrepreneurship and business partnership to meet the developmental needs and requirements.

PROGRAM OBJECTIVES:



- Seeking to establish scientific ties and relationships with universities, research centers, and the World Intellectual Property Organization (WIPO) and other relevant regional and international organizations.
- Collecting the intellectual property rights related documents, information, national legislations and international conventions for conducting a comparative studies, and raise the awareness of its provisions and rules.
- Strengthening the cooperation with the Technology Transfer Office TTO at Helwan University, the Patent Office affiliated to the Ministry of Scientific Research, the Intellectual Property Office at Information Technology Industry Development Agency ITIDA, affiliated to the Ministry of Communications and Information Technology, the Office of copyright affiliated to the Ministry of Culture, the Office trademarks affiliated to the Ministry of Supplies and internal Trade, and other relevant entities in Egypt, in order to determine the practical and applied problems in the field of intellectual property registration, for maintain program sustainable development.

SEMESTER COURSES:



- The following tables illustrate the study plan and the distribution of the classroom courses, which include (48 credit hours: 21 core and mandatory and 27 elective), and are as follows:
- **First Semester:**

Course Code	Course Name	Credit Hours			ECTS
		Lectures	Application	Cr-Hr	
IP* 601	Introduction to international Law for Intellectual Property	3	-	3	5
IP 602	Patents	3	2	4	9
IP 603	Industrial Designs	2	2	3	7
IP 604	Copyright and related Rights	3	2	4	9
	Total	11	6	14	30

SEMESTER COURSES: SECOND SEMESTER



Course Code	Course Name	Credit Hours			ECTS
		Lectures	Application	Cr-Hr	
Core and Mandatory Courses:					
IP 605	Trademarks and Geographic Indicators (Core)	3	2	4	9
IP 606	Intellectual Property in Economic Theory (Mandatory)	2	2	3	7
Elective Courses: (Student may choose one from the following courses)					
IP 607	Innovation Management and Intellectual Property Rights (IPRs)	2	2	3	7
IP 608	Intellectual Property Polices	2	2	3	7
IP 609	Intellectual Property for SMEs and Economic Development	2	2	3	7
IP 610	Feasibility Study for IPRs Exploitation	2	2	3	7
Elective Courses: (Student may choose one from the following courses)					
IP 611	IPRs Protection via Digital Media	2	2	3	7
IP 612	the settlement of Disputes and arbitration of intellectual property disputes	2	2	3	7
IP 613	Problems of IPRs Laws Conflicts and Enforcement	2	2	3	7
Total		9	8	13	30

SEMESTER COURSES:THIRD SEMESTER



Course Code	Course Name	Credit Hours			ECTS
		Lectures	Application	Cr-Hr	
Mandatory Courses:					
IP 614	Scientific Research Methodology	2	2	3	7
Elective Courses: (Student may choose one from the following courses)					
IP 615	Economic Valuation for IPRs Assets	2	2	3	7
IP 616	E-Commerce in IPRs	2	2	3	7
IP 617	Problems of Technology Transfer and IPRs	2	2	3	7
IP 618	Accounting Principles in IPRs	2	2	3	7
Elective Courses: (Student may choose one from the following courses)					
IP 619	Utility Contracts of IPRs and Innovation	2	2	3	7
IP 620	Antitrust Law and Intellectual Property	2	2	3	7
IP 621	Space Law and the Rights of Broadcasting	2	2	3	7
Total		6	6	9	21
Grand Total		26	20	36	81

SEMESTER COURSES: FORTH SEMESTER



Course Name	Credit Hours	ECTS
Dissertation	12	30
Total after dissertation	48	III

602 IP – PATENTS:



- This course contains: patent system - and the protection of trade secrets system (undisclosed) as a means of providing incentives for innovation and create a market to find solutions to technical problems - the patent issue, and the scope of protection, infringement, infringement defenses and the restrictions in the context of the European Patent Convention and national legal systems - the jurisprudence of the European Patent and technical forums and national legal systems office - strategic use of patents and litigation practice in the various member States - Global patent strategies and comparative issues regarding the formulation patent - interpretation of claims and litigation.

602 IP – PATENTS:



- **Course Goals:**
- Knowledge of the development of the European Patent Convention in the international and local perspective.
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- Awareness of the role and function of international institutions such as EPO, USPTO and various means such as PC, PLT, PCT, TRIPs, EPC, US Patent Act.
- Training on how to discuss concepts such as priority, novelty and creativity step and the ability to technical application, and how to take the first steps in the form of patent legislation and interpretation of the claims and the scope of protection, as well as knowledge of the development of the European Patent Convention and its relationship with the national law of the members of the EPC in the form of interpretation of the claims and direct and indirect patents infringement and strategic considerations in practice, as well as learn how to identify the core differences of the American experience.
- Training on how to discuss important concepts such as exploration and the ability to write claims and simulation systems.

602 IP – PATENTS: DETAILED PLAN OF COURSE:



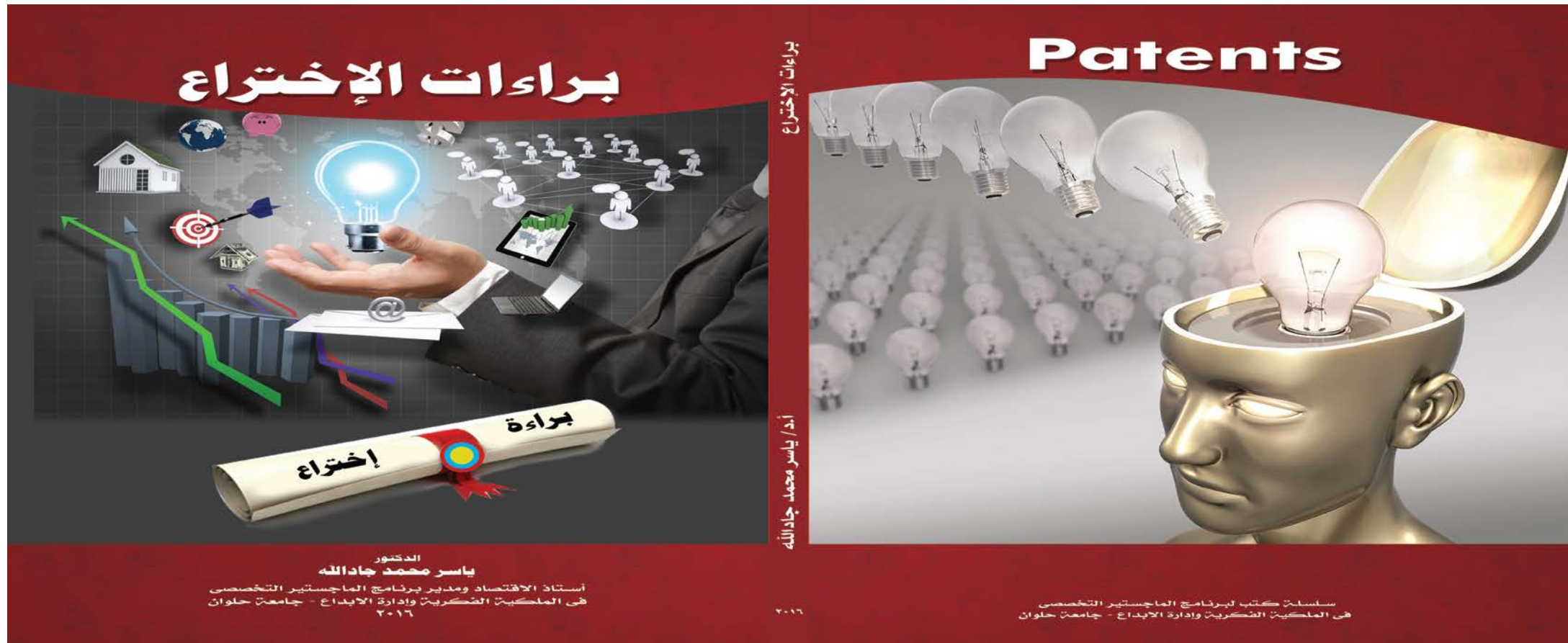
Week	Topics to be covered
1	Concept, objectives, terms of patent and History of IP offices.
2	The importance and benefits of patent protection.
3	The economic side of patent.
4	The optimal term of patent protection.
5	The core differences in patent systems.
6	The impacts of patent protection.
7	Staff inventions in-house: rights and obligations.
8	Mechanisms and procedures govern the patent applications.
9	Economic philosophy of intellectual property rights infringements.
10	Forms of patent infringements.
11	Terms of infringement's existence.
12	The consequences of patent infringements.
13	International agreements of patents.
14	The justification of merging the intellectual property in the multilateral trade system.
15	The excited points in TRIPs agreements by the developing countries.
16	TRIPs agreement and pharmaceutical industries sector.

602 IP – PATENTS: EVALUATION TECHNIQUES



Evaluation Number	Week	Nature of evaluation	Percentage
1	Second week	Delivering some reports by the students on patents offices in Egypt, USA and European patent office and determining the core differences and the main difficulties facing each office	5%
2	Fourth week	Delivering some presentations by the students on the problems enforcements of IP laws especially in patents	5%
3	Seventh week	Studying how to file the applications of patents in different offices?	---
4	Eight week	Oral exam	5%
5	Ninth week	Mid-term exam	25%
6	12nd week	Participations from expert in software and how to protect it by each of patent and copyright?	---
7	16 th week	Final exam	60%
Total			100%

602 IP – PATENTS: MAIN REFERENCE



الدكتور
ياسر محمد جادالله
أستاذ الاقتصاد ومدير برنامج الماجستير التخصصي
في الملكية الفكرية وإدارة الابتعا - جامعة حلوان
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سائلن كتاب البرنامج الماجستير التخصصي
في الملكية الفكرية وإدارة الابتعا - جامعة حلوان

SOME PHOTOS:



EU-Tempus Programme – “IP- MED” Project number:544429-TEMPUS-I-2013-I-PS-TEMPUS-JPCR

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SOME PHOTOS:



جامعة حلوان
برنامج الماجستير التخصصي في الملكية الفكرية و ادارة الابداع
Master Of Intellectual Property
& Innovation Management
الدفعة الأولى المتحققة بالبرنامج ٢٠١٥ - ٢٠١٦ م

 أحمد عبد العظيم الزرقاني	 سمير سعد عمل	 أمير محمد محمود	 فروز ادور
 أسامة أحمد عبد الرحيم	 ميشيل منير روفائيل	 عزيزة الوسيمي	 حنان فتحي عطية
 عمر محمد عماد الدين	 محمد سعيد مصطفى	 مصطفى أسمايل عبد الجواد	 أحمد محمد محمود

رئيس مجلس إدارة البرنامج
ورئيس الجامعة
أ.د. ياسر حسنى محمد صقر

منسق البرنامج
أ.د. ياسر محمد جاد الله

SOME PHOTOS:



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For more details: contact:

Prof. Dr. Yasser M. Gadallah

**Professor of Economics and Acting Dean of
The National Institute for Intellectual Property, Helwan University**

ymgad@hotmail.com

01001473206