



Intellectual Property Organisation of Pakistan (IPO-Pakistan)



WIPO Regional Workshop on Digitization and Dissemination of Intellectual Property (IP) Information and Utilization of effective Search Tools in Philippines, from December 7 to 9, 2010



By

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Scope of Report



- Introduction to IPO-Pakistan
- Vision & Mission
- IP Functions
- Staff & Budget
- Automation Projects /Status of Registries
- Automation Challenges
- Future Automation Plan



Introduction

Fragmented IP Management Before 2005

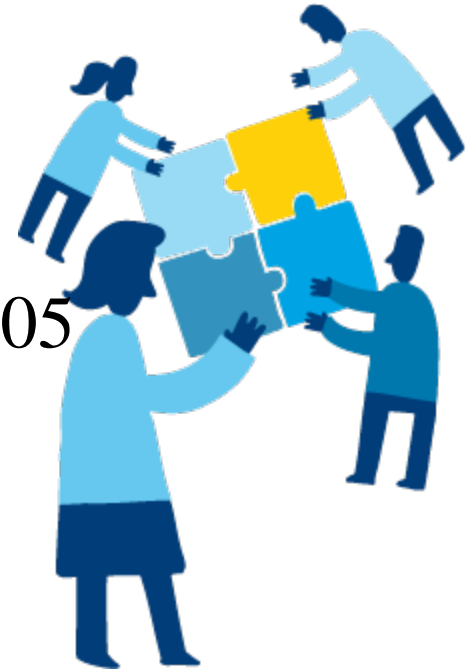
<u>IP REGISTRY</u>	<u>SUPERVISORY MINISTRY</u>
Trademarks Registry	Ministry of Commerce
Patents and Designs Office	Ministry of Industries and Production
Copyright Office	Ministry of Education



Introduction to IPO-Pakistan



- Established in April, 2005
- Under the Control of Cabinet Division
- Integrated IP Management After April 2005
 - ▣ Trade Marks Registry, Karachi
 - ▣ The Patent Office, Karachi
 - ▣ Copyright Office, Karachi
 - ▣ Regional Office, Lahore
 - ▣ Regional Office, Islamabad





IPO-Pakistan Overview



□ Vision

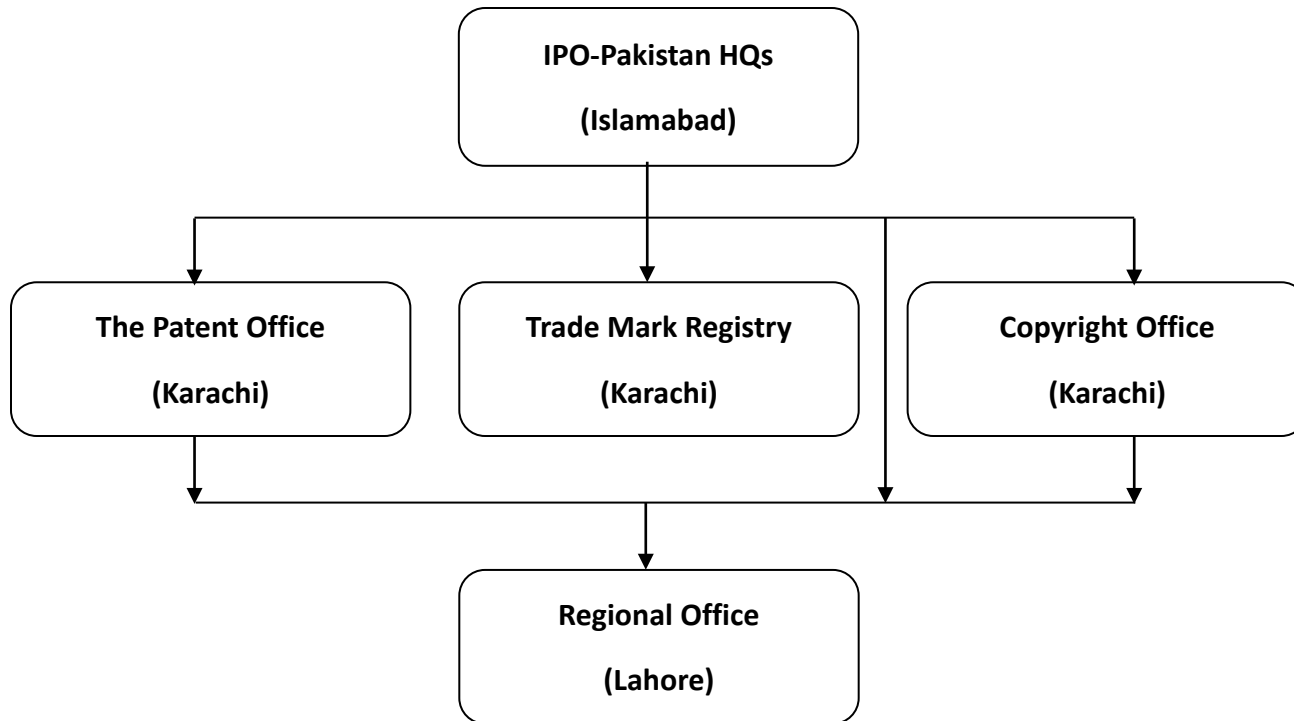
- ▣ To put Pakistan on the IP map of the world as a compliant and responsible country by promoting and protecting intellectual property rights

□ Mission

- ▣ Integrating and upgrading IP infrastructure for improved service delivery, increased public awareness and enhanced enforcement coordination for achieving the goal of being an IP based nation

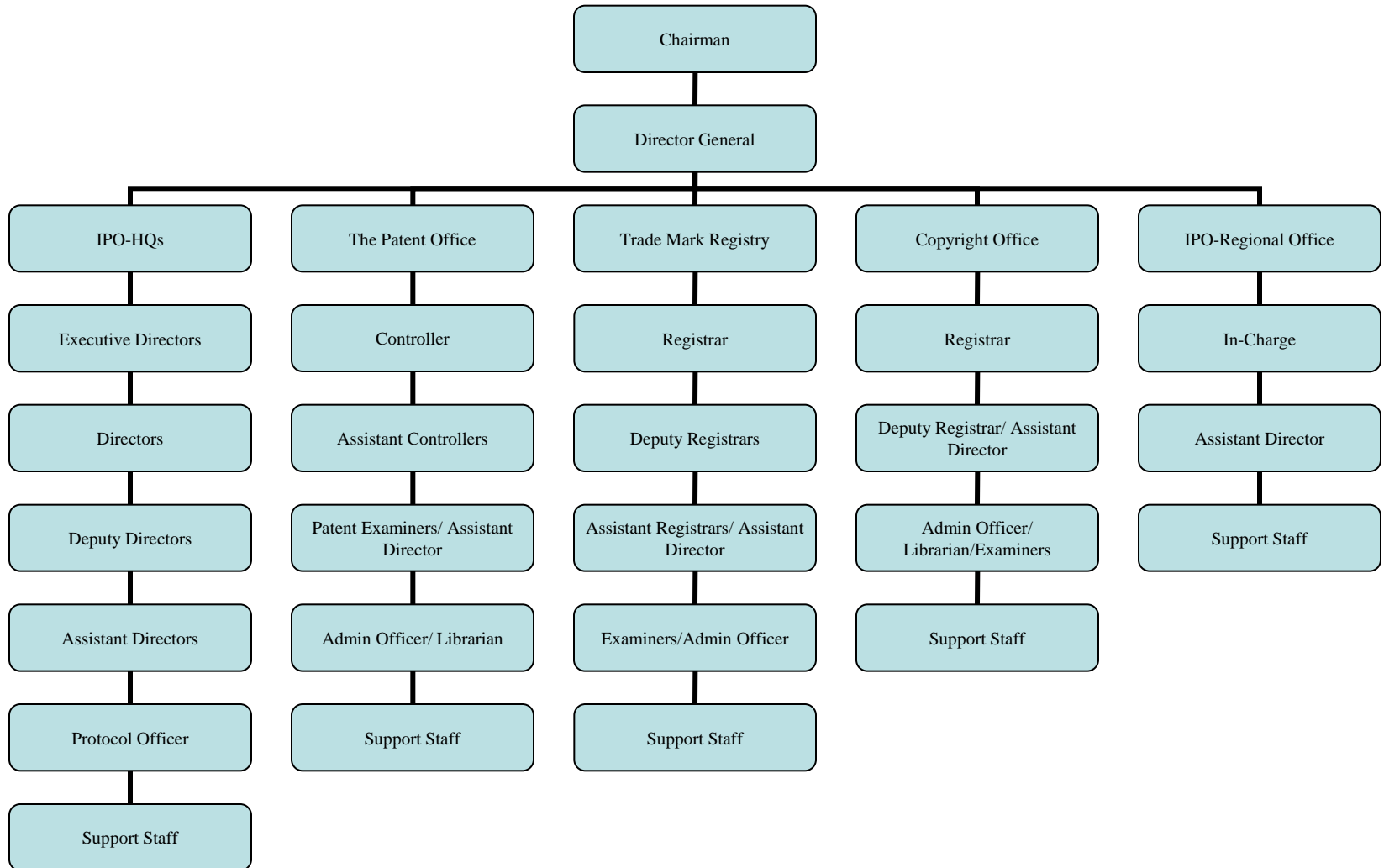


IPO-Pakistan Overview





IPO-Pakistan Overview





IP Functions



IP REGISTRY	FUNCTIONS
THE PATENT OFFICE	<ul style="list-style-type: none">• Grant of Patents• Registration of Industrial Design• Registration of Layout Design of Integrated Circuits• Registry Works like a Civil Court, Controller Hears cases relating to Registration, Post Registration, Opposition and Rectification matters
TRADE MARK REGISTRY	<ul style="list-style-type: none">• To Grant Protection to Trademarks Relating Goods• To Grant Protection to Trademarks Relating Services• Registry Works like a Civil Court, Registrar Hears cases relating to Registration, Post Registration, Opposition and Rectification matters
COPYRIGHT OFFICE	<ul style="list-style-type: none">• To Grant Registration of various copyrighted works• To provide <i>prima-facie</i> evidence to prove the ownership of copyright before the court of law or any authority• Copyright Board hears the opposition before registration



Staff and Budget

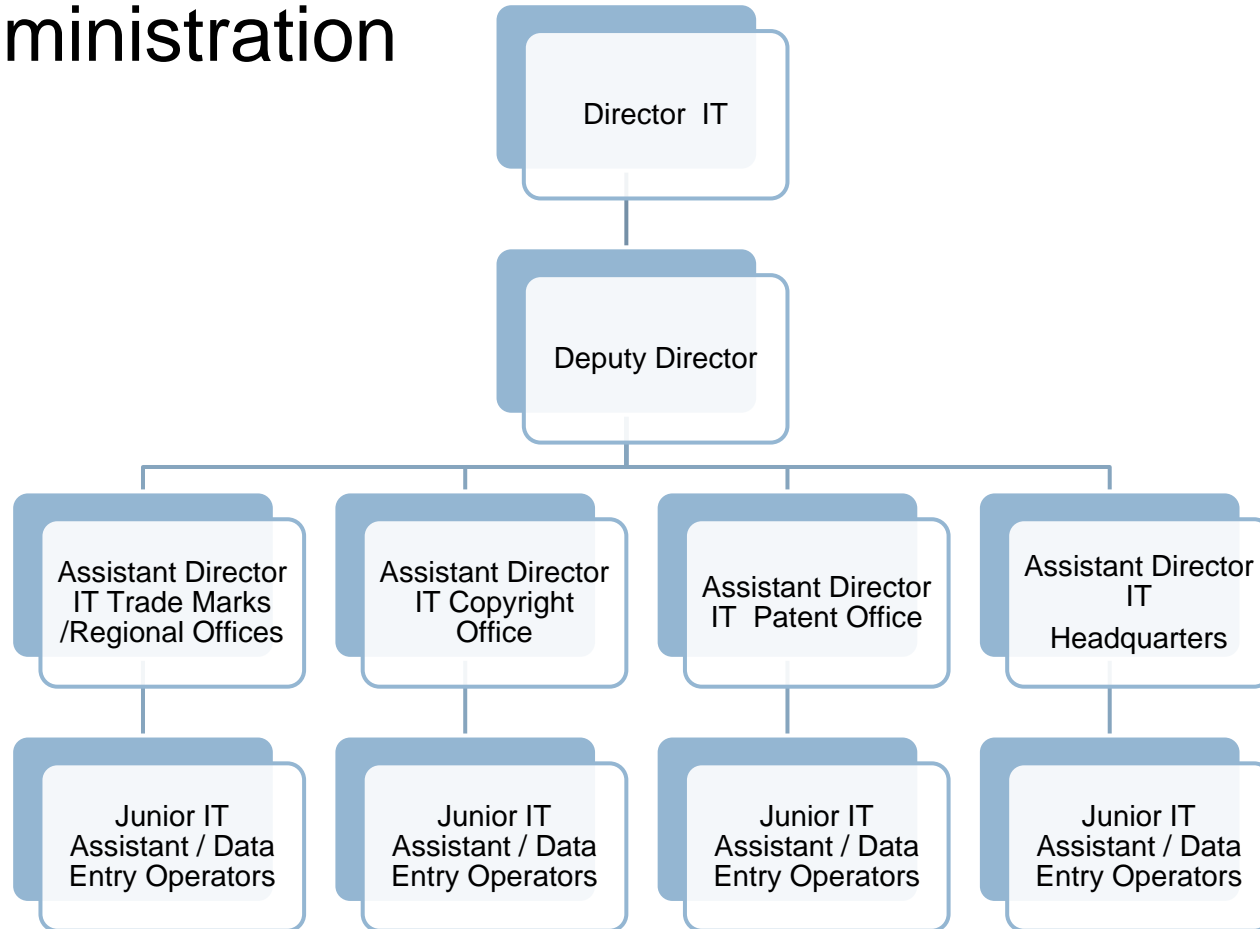
OFFICE	STAFF		TOTAL IT STAFF	TOTAL BUDGET (in PKR Million)	IT BUDGET (in PKR Million)
	Officers	Staff			
Headquarters	16	22	06	55	10
The Patent Office	23	51	03	25	0.50
Trademarks Registry	6	83	16	32	0.60
Copyright Office	05	18	03	12.25	0.45
TOTAL	50	174	28	124.25	11.55



Current Automation Status



□ IT Administration





Current Automation Status



- The Patent Office
 - ▣ Automation Project started in 2005
 - Intellectual Property Organization of Pakistan (IPO-Pakistan)
 - World Intellectual Property Organization (WIPO)
 - Electronic Government Directorate (EGD)
 - Ministry Of Information Technology (MoIT)
 - ▣ Industrial Property Administration System (IPAS)
 - Deployed in December 2006



Current Automation Status



- The Patent Office (Contd.)
 - ▣ Automation Status:
 - Receiving of Applications and documents
 - Issuance of Acknowledgment Receipts
 - Issuance of Electronic Receipts through E-Receipt System (In house Developed System)
 - Issuance of Patent/Design Certificate
 - Official Gazette Notifications Part V / Publications
 - Allocation of Patent Application by the Controller to the Examiner
 - Patent Search in the National Database
 - Industrial Designs Search in the National Database etc.



Current Automation Status



INTERNATIONAL PATENT SEARCH

International Novelty search has started for the received Patent application that has never been practiced before it. Patent Examiners have supplied a high speed internet facility for it and also basic Training for it from;

1. IP - Australia Officials at IPO-Islamabad.
2. USPTO Officials at Marriot Karachi.
3. GIPA - USPTO at Washington.
4. JPO - at Tokyo
5. IPOS - at Singapore
6. EPO Vienna, Munich Offices
7. South Korea
8. Czech Republic
9. LAOS etc...



Current Automation Status



- The Patent Office (Contd.)
 - ▣ Latest Developments:
 - In-house Scanning of Approximately 2700 Design Cases
 - Issuance of Colored Patent and Design Certificates
 - Deployment of Patent E-Receipt System
 - Correction and Verification of Accepted Cases of 2007, 2008 and 2009
 - Entry of IPC into IPAS of Accepted Cases of 2007, 2008 and 2009
 - Data entry of missing files into the system started



Current Automation Status



- Trade Mark Registry [TMR]
 - ▣ Automation started in 2004 (EC-TRTA Phase-I)
 - Digitization of available trade mark data & creation of database of Figurative elements of Marks.
 - E-Receipt Software deployed at Reception/Counter
 - Three Batches completed Basic IT Training from Pakistan Computer Bureau.
 - Offline e-filing started by receiving softcopy of TM applications on IPO-Pakistan FTP with the cooperation of leading attorneys



Current Automation Status



- Trade Mark Registry [TMR] (Contd.)
 - ▣ Automation Status at TMR
 - Deployment of IPAS (Industrial Property Administration System) software for automation of trade mark registration process
 - VPN (Virtual Private Network) installed at Trademarks Registry for online application receiving at Lahore and Islamabad Offices.



Current Automation Status



- Trade Mark Registry [TMR] (Contd.)
 - ▣ Industrial Property Administration System (IPAS)
 - Issuance of application and/or document numbers at reception.
 - Reception of requests for renewals, assignments, amendments as well as incoming all correspondence relating to the Trade Marks.
 - Capturing of Trade Marks data and scanning of logo into database.
 - Acknowledgement Receipt issuance
 - Pre-filing Search (on international standards with complete goods, logos etc)



Current Automation Status



- Trade Mark Registry [TMR] (Contd.)
 - ▣ Industrial Property Administration System (IPAS)
 - Trade Mark Examination Search (with logos)
 - Generation of Show Cause Notices & Examination Reports
 - Preparation of Journal
 - Generation of Opposition Notices etc
 - Issuance of Demand Notices and Registration Certificates
 - Issuance of Renewal Notices
 - Issuance of Renewal Certificates



Current Automation Status



□ Copyright Office

▣ Automation started in March 2008

- Since March, 2008 till onward the Copyright Office is digitizing and scanning the data, on regular basis
- 94% of Copyright Data since its establishment in 1967 has been captured and completed.
- 39,200 Copyright Files has been captured.
- 30,316 copyright artistic works have been scanned.
- Verification of Copyright Application data approximately 4600 records



Current Automation Status



- Copyright Office (Contd.)
 - ▣ Copyright Administration System (CAS deployed in 2007)
 - In house developed software for administration of Copyright registration process
 - Is used in examination process , it includes examination check list and used to generate examination report by copyright examiner
 - Is used to check the status of copyright application such as Registered , Pending ,Under objection ,Refused or Withdrawn
 - Is used to generate the Copyright application Index Register
 - Is use to generate the Copyright library Register and Copyright library cards .



Current Automation Status



- Copyright Office (Contd.)
 - ▣ Copyright Administration System (CAS):
 - Is used to perform searching from local database that is used in examination process; and
 - Used to generate and issue the Copyright Registration Certificates



Current Automation Status



□ Copyright Office (Contd.)

■ Achievements:

- In-house scanning of Copyright Application approximately 2200 records
- Enhancement of copyright office IT infrastructure with more users, by utilizing more PCs (provided by WIPO) to support the technical section in searching and examination areas
- Enhancement and up-gradation of Copyright Administration System (CAS) in Examination and Rectification module to improve the examination performance
- Deployment of CAS in Lahore Regional office



Current Automation Status



□ Copyright Office (Contd.)

■ Achievements:

- Interconnection of Regional Office, Lahore and IPO-HQs with Copyright office Karachi via VPN to access CAS
- Data Entry of Copyright application received at Lahore office via VPN
- Updating record of objection cases in CAS
- E-receipt System deployment for acknowledgement



Current Automation Status



- Automation Status of Regional Office, Lahore
- Capturing of Trade Marks data and scanning of logo into database.
- Generation of Opposition / Hearing Notices etc
- Generation of Acceptance Letters
- Generation of Certified Copies
- Pre-filing Search from IPAS
- Personal Search from IPAS



Current Automation Status



□ Internet Facility

- | | | |
|-----------------------|---|---------------------|
| ■ IPO-HQs | = | DSL 1MB CIR |
| ■ The Patent Office | = | Fiber Optic 1MB CIR |
| ■ Trade Mark Registry | = | Fiber Optic 2MB CIR |
| ■ Copyright Office | = | DSL 1MB CIR |
| ■ Regional Office | = | Fiber Optic 1MB CIR |



Current Automation Status



□ Hardware

HARDWARE	HQ	PO	TMR	CO	RO	TOTAL
PC's	23	40	57	18	07	145
Printers	23	20	43	14	05	105
Scanners	07	10	14	05	03	39
UPS	05	13	50	16	06	90
Servers	01	03	03	01	-	08
Laptop	06	02	02	01	01	12
Multimedia	02	02	01	01	01	07

HQ = Headquarters, Islamabad
PO = The Patent Office, Karachi
TMR = Trade Mark Registry, Karachi
CO = Copyright Office, Karachi
RO = Regional Office, Lahore



Current Automation Status



□ Software

SOFTWARE	HQ	PO	TMR	CO	RO	TOTAL
Windows Server 2008	-	-	01	-	-	01
Windows Server 2003	01	03	02	01	-	07
Windows XP Home	01	-	-	-	-	01
Windows XP Professional	24	31	30	10	06	101
Windows XP Professional (64-bit)	-	04	07	-	-	11
Windows Vista	02	01	-	-	-	03
Windows 7 Professional	02	06	20	05	02	35
Windows 2000 Professional	-	-	02	02	-	04
Microsoft Office Small Business 2007	05	39	45	15	02	106
Microsoft Office 2003 Professional	24	01	01	-	06	32
Microsoft Office XP Professional	-	-	04	-	-	04
Microsoft Office 2003 Basic	-	-	07	-	-	07
MS Word 2000 and Ms Outlook 2000	-	-	02	-	-	02

HQ = Headquarters, Islamabad
PO = The Patent Office, Karachi
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IT Security Policy



- Hardware Firewall installed in Patent Office and TMR.
- Wireless Network is secured with 128bit encrypted security key.
- Antivirus on each computer (Norton and/or avast)
- 3 DVD Backup on fortnight: One for IT Section of the Office, Second for Head of The Registry and third for HQs Islamabad.
- Backup Server installed with Active Directory



Automation Challenges



- Data Digitization of Remaining Records of IP Registries.
- Disaster Recovery Site for IP Registries
- Data Correction and Verification of IP Databases.
- Single Standard Servers Room for IP Registries with Round the Clock Internet, Power backup and Supervisors
- Proper Check and balance on Data Entry and verification of day to day entries.



Future Automation Plan



- Development & Customization of ERP for IPO-HQs, The Patent Office, Copyright Office, Trademark Registry and Regional Office Lahore for:
 - ▣ Internal Communication & movement of Files
 - ▣ Finance and Budgeting Management
 - ▣ Inventory and Procurement Management
 - ▣ Human Resource Management
 - ▣ Integrated Reporting System
 - ▣ Biometric Time attendance system



Future Automation Plan



- To improve library and related facilities for internal and external users of Patent Office / TMR/ Copyright / HQs.
- Online Application submission
- Online Payments
- Online IP Records Search
- Online Correspondence with Clients



Additional Information



□ Automation Committee of IPO-Pakistan

■ Comprises of:

- Chairman = Registrar Trademarks Registry
- Member = Assistant Director (IT), Trademarks Registry
- Member = Assistant Director (IT), The Patent Office
- Member = Assistant Director (IT), Copyright Office
- Member = Assistant Director (IT), IPO-HQs Islamabad
- Member = Assistant Director (IT), IPO-Regional Office



Additional Information

- Automation Committee of IPO-Pakistan (Contd.)
 - Functions:
 - Meeting once a month to discuss matters
 - Responsible to Implement IT Policy in IPO-Pakistan
 - Responsible to propose plan for Automation
 - Responsible to propose procurement of IT Equipments
 - Responsible to find best solutions to Automation Challenges
 - Responsible to propose best practices for streamlining automation of IP Registries



Thank You

CONTACT IPO-Pakistan

IPO-Official Website	:	www.ipo.gov.pk
IPO-HQs	:	info@gov.pk
Patent Office	:	patent@ipo.gov.pk
Trademarks Registry	:	tmr@ipo.gov.pk
Copyright office	:	copyright@ipo.gov.pk