

Governance & Information Technology

Vision

Make Punjab the hub of Information Technology (IT) through use of Information & Communication Technology (ICT) services in order to improve delivery of public services to citizens.

Objectives

- To enhance the performance of Government departments and with the introduction of latest IT equipment and installation of licensed software. Induction of IT infrastructure at all levels of government to improve efficiency, transparency and to provide quality services to citizens.
- To provide a reliable, scalable IT infrastructure for the Government of Punjab, including a centralized, secure, reliable, scalable data center, district-level connectivity and license-compliant software.
- Human Resource development by providing skills to incubators and professionals, IT training, Global IT Certification, Open Source Training and training to Government employees for enhancing e-readiness.
- Formulation of Provincial ICT Policy and Action Plan for short, medium and long term. Enhancing foreign and domestic investment in the IT sector through collaboration with renowned IT firms like Microsoft, Oracle, IBM, Intel etc.
- Making and implementing policies for improved efficiency through automation of business processes and Business Process Re-Engineering (BPR) and automation.

Strategic Interventions

- IT based solution for improvement of various business processes in key departments including Police, Health, Transport, Education and Public Prosecution Departments as well as Lahore High Court etc, The rapid spread of mobile phone use, internet access across Pakistan, and declining costs of this technology means that it can be an extremely rapid and cost-effective medium to bring about tangible improvements in basic service delivery.
- Implementation of “Lands Record Management Information Systems” project in all districts and tehsil of Punjab is meant for security of title to the

landowners across the province. Another scheme titled “Automation of Stamp Papers (E-Stamping)” for collection of government revenue through e-stamping solutions along with “E-Payment Gateway” system in public sector has been introduced to curb corruption and enhance efficiency.

- Incubator Centers and Tech Hub — Co-Working Space at Arfa Software Technology Park has been established for manpower development of IT startup firms/ freelancers through business mentorship training regarding latest tools and technologies adopted in international business and marketing with the help of IT awareness.
- Continuity of E-Governance applications already established under “Citizen Facilitation & Service Centers” along with “ Citizen Feedback Monitoring Program” in order to introduce transparency, efficiency and minimize corruption using E-tools. The objective is to support smart monitoring and to make performance information available for decision making, by helping design and implement performance monitoring systems to gather information about service delivery, oversee the performance of key personnel and seek citizens’ feedback about the quality of services received.
- Establishment of Public Call Centers for delivery of citizen centric services through “IT Centric Intervention & Smart Monitoring under Punjab Public Management Reforms Program (PPMRP)” Project. The objective is to improve citizens’ access to information provided by targeted Departments, to reduce the transaction cost for citizens and opportunities for abuse by middlemen and field-level service providers.
- The initiative of “District Health Information System” is to facilitate hospital management for disease reporting, patients treatment, medication schedule, disease patterns as well as appropriate management of appointments dates to facilitate general public for availing better health care.
- The allocations have been secured for major initiatives of Police Department like Punjab Police Integrated Command, Control and Communication Centre in order to sort out terrorist activities/ networks in Punjab and ensure fool proof security of mega cities using camera surveillance system, especially during Muharram possessions. Computerization of all Police Stations using modern technologies i.e Hardware, Software, Network Equipment (Active &

Passive), Internet Connectivity in order to run the police business in an efficient manner along with modern/ systematic “Inventory Management System” for efficiency improvement of Punjab Police.

- New initiatives namely “E-Filing and Office Automation in 10 Departments” has been included for automation of 10 main provincial departments for efficiency of official correspondence and task management through software deployment and trainings.
- Two schemes of Excise & Taxation Department namely “Reforms in Registration of motor Vehicles in Punjab” and “Computerization of UIPT in 30 district of Punjab” along with another scheme of BOR namely “Capacity Building of Punjab Revenue Authority (PPRA)” has been added to introduce transparency and improving the government revenues.

Trends of Allocation

An amount of Rs.8,540 million has been earmarked for IT Sector in 2015-16 for implementation of projects sponsored by Punjab Information Technology Board and other government departments.

Trend of Allocation

Rs. in million

Sr. No.	Year	Allocation
1.	2009-10	1,300
2.	2010-11	1,960
3.	2011-12	2,000
4.	2012-13	2,400
5.	2013-14	5,167
6.	2014-15	7,393
7.	2015-16	8,540

MTDF 2015-18
Governance & Information Technology : Summary
Development Programme 2015-16

Sub-Sector	Capital	Revenue	Total	F. Aid	Total
Ongoing Schemes					
Regular	0.000	1638.579	1638.579	2786.421	4425.000
Total	0.000	1,638.579	1,638.579	2,786.421	4,425.000
New Schemes					
Regular	0.000	4080.000	4080.000	0.000	4080.000
Total	0.000	4,080.000	4,080.000	0.000	4,080.000
Total (ongoing+new)	0.000	5,718.579	5,718.579	2,786.421	8,505.000
Development Program 2016-17					
Ongoing Schemes					
Regular	0.000	1477.519	1477.519	0.000	1477.519
Total	0.000	1,477.519	1,477.519	0.000	1,477.519
New Schemes					
Regular	0.000	1400.219	1400.219	0.000	1400.219
Total	0.000	1,400.219	1,400.219	0.000	1,400.219
Total (ongoing+new)	0.000	2,877.738	2,877.738	0.000	2,877.738
Development Program 2017-18					
Ongoing Schemes					
Regular	0.000	710.838	710.838	0.000	710.838
Total	0.000	710.838	710.838	0.000	710.838
New Schemes					
Regular	0.000	1384.219	1384.219	0.000	1384.219
Total	0.000	1,384.219	1,384.219	0.000	1,384.219
Total (ongoing+new)	0.000	2,095.057	2,095.057	0.000	2,095.057
MTDF 2015-18: Grand Total					13,477.795

GOVERNANCE & INFORMATION TECHNOLOGY: SUMMARY

(Million Rs.)

Type / Sub Sector	No. of Schemes	Provision for 2015-16				Projection for 2016-17	Projection for 2017-18
		Capital	Revenue	Foreign Aid	G. Total (Cap+Rev)		
<u>ON-GOING SCHEMES</u>							
Punjab Information Technology Board	13	0.000	597.900	0.000	597.900	1,422.767	710.838
Lahore High Court	1	0.000	90.405	0.000	90.405	0.000	0.000
Police Department	2	0.000	103.596	0.000	103.596	0.000	0.000
Transport Department	1	0.000	10.000	0.000	10.000	37.259	0.000
Board of Revenue	2	0.000	772.409	2,786.421	3,558.830	0.000	0.000
Health Department	1	0.000	15.000	0.000	15.000	35.269	0.000
S&GAD	1	0.000	18.140	0.000	18.140	0.000	0.000
Prosecution Department	1	0.000	31.129	0.000	31.129	0.000	0.000
Total: ON-GOING SCHEMES	22	0.000	1,638.579	2,786.421	4,425.000	1,495.295	710.838
<u>NEW SCHEMES</u>							
Punjab Information Technology Board	4	0.000	80.000	0.000	80.000	833.322	793.678
Police Department	2	0.000	4,005.000	0.000	4,005.000	11.000	0.000
Excise & Taxation Department	2	0.000	20.000	0.000	20.000	460.897	460.897
Board of Revenue	1	0.000	10.000	0.000	10.000	95.000	95.000
Total: NEW SCHEMES	9	0.000	4,115.000	0.000	4,115.000	1,400.219	1,349.575
Grand Total	31	0.000	5,753.579	2,786.421	8,540.000	2,895.514	2,060.413

GOVERNANCE & INFORMATION TECHNOLOGY

(Million Rs.)

GS No	Scheme Information Approval Date / Location / scheme ID	Est. Cost	Accum. Exp June,15	Provision for 2015-16			MTDF Projections		Throw fwd Beyond June, 2018
				Cap	Rev	G. Total (Cap+Rev)	2016-17	2017-18	
1	2	3	4	5	6	7	8	9	10

ON-GOING SCHEMES

Punjab Information Technology Board

3758	Technology Incubator at Arfa Software Technology Park (Under Revision) 15-May-14 Lahore LO12000040 R	186.519	137.030	0.000	10.000	10.000	39.490	0.000	0.000
3759	Tech Hub9 Co-working space at ASTP 25-07-14 Lahore LO14000113 R	9.990	8.121	0.000	1.869	1.869	0.000	0.000	0.000
3760	Plan X-Technology Accelerator at ASTP (Under Revision) 25-07-14 Lahore LO14000094 R	49.995	31.000	0.000	5.000	5.000	14.000	0.000	0.000
3761	Data Warehousing and Business Intelligence 4-02-15 Punjab LO14000066 R	153.566	2.514	0.000	30.000	30.000	123.566	0.000	0.000
3762	IT enabled assessment and trainings for students and teachers 11-11-2014 Punjab LO14000087 R	54.900	5.010	0.000	15.000	15.000	34.890	0.000	0.000
3763	Smart monitoring of development projects across Punjab 16-02-15 Punjab LO14000110 R	85.855	9.497	0.000	20.000	20.000	56.358	0.000	0.000
3764	IT based profiling of Govt. Employees 10-12-2014 Punjab LO14000086 R	26.880	9.920	0.000	5.000	5.000	11.960	0.000	0.000
3765	Disease Surveillance System 30-12-14 Punjab LO12000041 R	198.974	153.258	0.000	45.716	45.716	0.000	0.000	0.000
3766	Larvaciding and Fogging/IRS Reporting System (Under Revision) 27-06-14 Punjab LO12000042 R	63.659	53.960	0.000	5.000	5.000	4.699	0.000	0.000
3767	IT Centric Intervention & Smart Monitoring Under Punjab Public Management Reform Program 17-04-15 Punjab LO13001424 R	1,899.710	278.035	0.000	200.000	200.000	710.838	710.838	0.000
3768	Establishment Of Citizen Facilitation and Service Centres 29-Jan-14 Punjab LO13001513 R	993.888	461.137	0.000	200.000	200.000	332.751	0.000	0.000
3769	Establishment of Video Conferencing for Punjab Government (Under Revision) 4-02-15 Punjab LO13001012 R	198.286	147.971	0.000	50.315	50.315	0.000	0.000	0.000

GOVERNANCE & INFORMATION TECHNOLOGY

(Million Rs.)

GS No	Scheme Information Approval Date / Location / scheme ID	Est. Cost	Accum. Exp June,15	Provision for 2015-16			MTDF Projections		Throw fwd Beyond June, 2018
				Cap	Rev	G. Total (Cap+Rev)	2016-17	2017-18	
1	2	3	4	5	6	7	8	9	10
3770	Citizen Feedback Monitoring Program 31-10-14 Punjab LO14003849 R	142.442	38.227	0.000	10.000	10.000	94.215	0.000	0.000
Sub-Total: Punjab Information Technology Board		4,064.664	1,335.680	0.000	597.900	597.900	1,422.767	710.838	0.000
Lahore High Court									
3771	New IT Initiatives at Lahore High Court, Lahore and District Courts (Phase-II) 30-12-14 Lahore LO12000039 R	193.040	102.635	0.000	90.405	90.405	0.000	0.000	0.000
Sub-Total: Lahore High Court		193.040	102.635	0.000	90.405	90.405	0.000	0.000	0.000
Police Department									
3772	Driving License Management Information System (Phase-II) (Under Revision) 13-03-14 Punjab LO12000037 R	168.347	122.560	0.000	10.000	10.000	0.000	0.000	0.000
3773	Computerization of all police stations in punjab 10-12-2014 Punjab LO14000062 R	169.257	75.661	0.000	93.596	93.596	0.000	0.000	0.000
Sub-Total: Police Department		337.604	198.221	0.000	103.596	103.596	0.000	0.000	0.000
Transport Department									
3774	Computerization of Transport Department (TDAS)-Phase-II 14-03-14 Punjab LO12000038 R	127.560	80.301	0.000	10.000	10.000	37.259	0.000	0.000
Sub-Total: Transport Department		127.560	80.301	0.000	10.000	10.000	37.259	0.000	0.000
Board of Revenue									
3775	Automation of Stamp Paper (E-Stamping) 3-09-14 Punjab LO14000057 R	207.224	52.815	0.000	154.409	154.409	0.000	0.000	0.000
3776	Land Records Management & Information Systems Project (Phase-1) 02-03-2015 Punjab LO10000500 R	12,260.480	7,781.000	0.000	3,404.421	3,404.421	0.000	0.000	0.000
				Local:	0.000	618.000			
				Foreign:	0.000	2,786.421			
Sub-Total: Board of Revenue		12,467.704	7,833.815	0.000	3,558.830	3,558.830	0.000	0.000	0.000
Health Department									
3777	District Health Information System (Under Revision) 10-12-2014 Punjab LO14000067 R	68.124	17.855	0.000	15.000	15.000	35.269	0.000	0.000
Sub-Total: Health Department		68.124	17.855	0.000	15.000	15.000	35.269	0.000	0.000

GOVERNANCE & INFORMATION TECHNOLOGY

(Million Rs.)

GS No	Scheme Information Approval Date / Location / scheme ID	Est. Cost	Accum. Exp June, 15	Provision for 2015-16			MTDF Projections		Throw fwd Beyond June, 2018
				Cap	Rev	G. Total (Cap+Rev)	2016-17	2017-18	
1	2	3	4	5	6	7	8	9	10

S&GAD

3778	Anti-Corruption case Management System 21-10-14 Punjab LO14003209 R	40.090	21.950	0.000	18.140	18.140	0.000	0.000	0.000
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Sub-Total: S&GAD	40.090	21.950	0.000	18.140	18.140	0.000	0.000	0.000
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Prosecution Department

3779	Digitization /Computerization of Public Prosecution Department and Development of Monitoring & Coordination System 19-06-13 Lahore LO12000046 R	66.139	35.010	0.000	31.129	31.129	0.000	0.000	0.000
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Sub-Total: Prosecution Department	66.139	35.010	0.000	31.129	31.129	0.000	0.000	0.000
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Total: ON-GOING SCHEMES	17,364.925	9,625.467	0.000	4,425.000	4,425.000	1,495.295	710.838	0.000
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NEW SCHEMES

Punjab Information Technology Board

3780	E-Payment Gateway Un-Approved Punjab LO15002123 R	200.000	0.000	0.000	45.000	45.000	95.000	60.000	0.000
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3781	E-Filing and Office Automation in 10 Departments Un-Approved Punjab LO15002124 R	200.000	0.000	0.000	15.000	15.000	94.822	90.178	0.000
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3782	Service Delivery Improvement & Performance Monitoring Unit (SIPMU) Un-Approved Punjab LO15002125 R	167.000	0.000	0.000	10.000	10.000	78.500	78.500	0.000
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3783	Setting-up Wi-Fi Hotspots Rawalpindi, Lahore, Multan LO15002126 R	1,140.000	0.000	0.000	10.000	10.000	565.000	565.000	0.000
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Sub-Total: Punjab Information Technology Board	1,707.000	0.000	0.000	80.000	80.000	833.322	793.678	0.000
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Police Department

3784	Inventory Management system for assets of Police Department (PC-II) Un-Approved Punjab LO14000091 R	16.000	0.000	0.000	5.000	5.000	11.000	0.000	0.000
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3785	Establishment of the Punjab Police Integrated Command, Control & Communication (PPIC3) Centre at Lahore, Rawalpindi & Multan. (PC-I) Un-Approved Lahore, Rawalpindi, Multan, Lahore, Rawalpindi, Multan LO14000106 R	4,000.000	0.000	0.000	4,000.000	4,000.000	0.000	0.000	0.000
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Sub-Total: Police Department	4,016.000	0.000	0.000	4,005.000	4,005.000	11.000	0.000	0.000
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(Million Rs.)

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1	2	3	4	5	6	7	8	9	10
Excise & Taxation Department									
3786	Computerization of UIPT in 30 District of Punjab Punjab LO15002129 R	851.151	0.000	0.000	10.000	10.000	420.576	420.576	0.000
3787	Reforms in Registration of Motor Vehicles in Punjab Punjab LO15002130 R	90.642	0.000	0.000	10.000	10.000	40.321	40.321	0.000
Sub-Total: Excise & Taxation Department		941.793	0.000	0.000	20.000	20.000	460.897	460.897	0.000
Board of Revenue									
3788	Capacity Building of Punjab Revenue Authority (PPRA) Punjab LO15002131 R	200.000	0.000	0.000	10.000	10.000	95.000	95.000	0.000
Sub-Total: Board of Revenue		200.000	0.000	0.000	10.000	10.000	95.000	95.000	0.000
Total: NEW SCHEMES		6,864.793	0.000	0.000	4,115.000	4,115.000	1,400.219	1,349.575	0.000
Grand Total		24,229.718	9,625.467	0.000	8,540.000	8,540.000	2,895.514	2,060.413	0.000