

## **GOVERNANCE & INFORMATION TECHNOLOGY**

The Government of Punjab aims to modernize governance techniques through information technology interventions; improving service delivery; and increasing the digital literacy of the citizens. Over the years, the Government of Punjab has introduced strategic interventions keeping Punjab abreast with the global revolution in Information and Communication Technology (ICT).

### **SECTOR OVERVIEW**

Worldwide Information and Communication Technology (ICT) is proving instrumental in modernizing governance, increasing transparency, improving public service delivery, and reducing information costs along the value chain for businesses. The Government of Punjab is mindful of these global changes and is proposing interventions to keep Punjab abreast with these changes. These interventions will keep Punjab a viable and competitive player in the global economic market.

### **VISION**

To make Punjab the hub of Information Technology (IT) by using Information & Communication Technology (ICT) for increasing efficiency in public services delivery; enhancing the digital literacy of the citizens; modernizing governance; attracting investment thereby spurring economic growth.

### **OBJECTIVES/STRATEGIES**

- To embark upon the e-governance program to improve service delivery by minimizing the Turnaround Time (TAT) for various functions of the Punjab Government thus minimizing human intervention and increasing transparency.
- To improve Law & Order System in Punjab
- To improve Criminal Justice System
- To improve revenue & tax collection system for the Punjab Government.
- To develop the human resource capabilities and capacities of all the departments of the Government of Punjab and acting as a harbinger of change in the functioning of the departments.

### **ACHIEVEMENTS OF FINANCIAL YEAR 2015-16**

During 2015-16 an amount of Rs.8,540 million was allocated to the Governance and IT Sector. Major milestones achieved during 2015-16 are:

- The project titled “Land Records Management and Information Systems Project (Phase-I)” has been substantially completed at a cost amounting to Rs.12260.480 million contributing to better management of land revenue record through increased access to land records at lower transaction cost through a client-responsive service (to citizens), increased level of tenure security of land-right holders and increased transparency in transactions of Land
- The project titled “Digitization / Computerization of Public Prosecution Department & Development of Monitoring & Coordination System (Phase-I)” has been completed in three divisions of Punjab at an approved cost of Rs.66.139 million which shall improve facilitation of general public for provision of Justice as well as improved monitoring within Public Prosecution Department for effective handling of public prosecution & related matters.
- The “Technology Incubator at Arfa Software Technology Park,” program has been completed for a total cost of Rs. 186.519 million. It will act as a launch pad for startup companies and bring forth a new crop of venture capitalists in the province.
- The “Tech Hub & Co-working space at ASTP” has been completed for a total cost of Rs. 27.962 million. It provides state of the art office space for new freelance businesses during their nascent period. This will enhance employment and economic growth in the province.
- The “Plan X-Technology Accelerator at ASTP” has been completed for a total cost of Rs. 25.875 million. This project nurtures mature businesses, which have been running for at least 2 years, to scale and grow by attracting local and foreign investment.
- The “Disease Surveillance System,” project has been completed for a total cost of Rs. 198.974 million. It will play a preventive role through surveillance of disease outbreaks with the help of GIS Mapping and Surveillance.
- The “Larvaciding and Fogging/IRS Reporting System,” has been completed for a total cost of Rs. 74.628 million. This project will provide real time data on larvaciding and fogging with GPS coordinates etc.
- The “Driving License Management Information System (Phase II)” has been completed for a total cost of Rs. 163.935 million. This project automates the process of issuance of driving licenses, increasing revenue for the Punjab government, and reducing crime through effective vehicle monitoring.

- The "Computerization of Transport Department (TDAS) Phase II," has been completed for a cost of Rs.127.560 million.
- The "Anti-Corruption Case Management System," has been completed for a total cost of Rs. 40.09 million.

## **NEW INITIATIVES FOR 2016-17**

- Allocation has been secured for new intervention of Board of Revenue (BOR) titled "Property Registration Systems" project to ensure improved property registration process & security of title to the landowners in Lahore district.
- The "GIS Integrated Computerization of Urban Immovable Property Tax (UIPT)" and the "Ease for Tax Payers Program" are Excise and Taxation Department's interventions to enhance government revenue. Moreover, establishment of 09 Excise & Taxation Service Centers of the Excise and Taxation Department will minimize interaction of citizens with government officials by redirecting them to designated customer service representative. This will increase Punjab government's revenue and improve service delivery to tax payers.
- The flagship project of the Police Department / Safe City Authority namely Punjab Police Integrated Command, Control and Communication Centre in six mega cities aims to ensure fool proof security, improve the law and order situation and make marked improvements in the traffic management system of mega cities in the province. The project envisions the installation of a vast network of surveillance cameras which will improve monitoring of gatherings and congregation like the annual Muharram procession.
- The "Automation of Case and Courts Management System at LHC & District Courts Lahore" will help in improved delivery of justice to general public as well as increased efficiency of judiciary & allied staff.
- The phase-II of Public Prosecution Department's "Digitization / Computerization of Public Prosecution Department & Development of Monitoring & Coordination System" on replication of Case Flow Management System to whole province will reduce the Turnaround Time (TAT) for cases. This project will be functioning to its optimal upon integration with the police department and the judiciary to improve criminal justice system.
- The "Local Government Automated Financial Management and Monitoring System," will increase transparency and visibility of the financial accounts of the Punjab government.

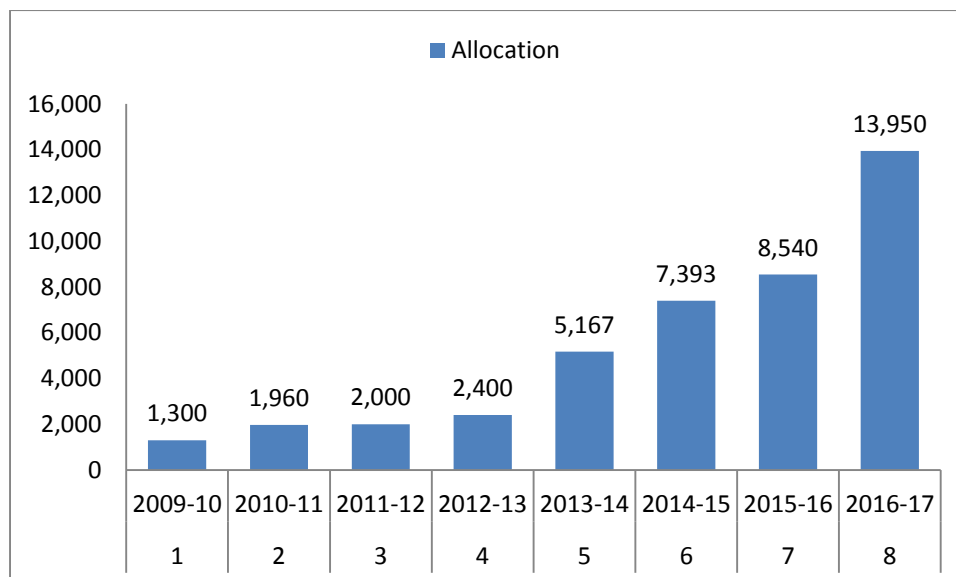
- The Prison Management Information System will maintain a comprehensive data base of inmates and staff. This will help in improving the management of District Jail Lahore in pilot phase.
- The Management Information System of the Home Department will automate all the various internal & external activities of Home department particularly monitoring of implementation of National Action Plan as well as improved coordination, monitoring and strengthening of internal security infrastructure.

## TREND OF ALLOCATIONS

An amount of **Rs.13,950** million has been earmarked for Governance & IT Sector in 2016-17 for implementation of projects sponsored by Punjab Information Technology Board and other government departments.

**Trend of Allocations (Million Rs)**

Sr.No	FY	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
8	2016-17	13,950



**MTDF 2016-19**  
**Governance & Information Technology : Summary**  
**Development Programme 2016-17**

(Million Rs.)

Sub-Sector	Capital	Revenue	Total	F. Aid	Total
<b>Ongoing Schemes</b>					
Regular	0.000	12505.851	12505.851	0.000	12505.851
<b>Total</b>	<b>0.000</b>	<b>12,505.851</b>	<b>12,505.851</b>	<b>0.000</b>	<b>12,505.851</b>
<b>New Schemes</b>					
Regular	101.000	1343.149	1444.149	0.000	1444.149
<b>Total</b>	<b>101.000</b>	<b>1,343.149</b>	<b>1,444.149</b>	<b>0.000</b>	<b>1,444.149</b>
<b>Total (ongoing+new)</b>	<b>101.000</b>	<b>13,849.000</b>	<b>13,950.000</b>	<b>0.000</b>	<b>13,950.000</b>

**Development Program 2017-18**

<b>Ongoing Schemes</b>					
Regular	1500.000	11391.579	12891.579	0.000	12891.579
<b>Total</b>	<b>1,500.000</b>	<b>11,391.579</b>	<b>12,891.579</b>	<b>0.000</b>	<b>12,891.579</b>
<b>New Schemes</b>					
Regular	0.000	2453.421	2453.421	0.000	2453.421
<b>Total</b>	<b>0.000</b>	<b>2,453.421</b>	<b>2,453.421</b>	<b>0.000</b>	<b>2,453.421</b>
<b>Total (ongoing+new)</b>	<b>1,500.000</b>	<b>13,845.000</b>	<b>15,345.000</b>	<b>0.000</b>	<b>15,345.000</b>

**Development Program 2018-19**

<b>Ongoing Schemes</b>					
Regular	0.000	5031.834	5031.834	0.000	5031.834
<b>Total</b>	<b>0.000</b>	<b>5,031.834</b>	<b>5,031.834</b>	<b>0.000</b>	<b>5,031.834</b>
<b>New Schemes</b>					
Regular	0.000	11847.666	11847.666	0.000	11847.666
<b>Total</b>	<b>0.000</b>	<b>11,847.666</b>	<b>11,847.666</b>	<b>0.000</b>	<b>11,847.666</b>
<b>Total (ongoing+new)</b>	<b>0.000</b>	<b>16,879.500</b>	<b>16,879.500</b>	<b>0.000</b>	<b>16,879.500</b>
<b>MTDF 2016-19: Grand Total</b>					<b>46,174.500</b>

## GOVERNANCE & INFORMATION TECHNOLOGY: SUMMARY

(Million Rs.)

Type / Sub Sector	No. of Schemes	Provision for 2016-17				Projection for 2017-18	Projection for 2018-19
		Capital	Revenue	Foreign Aid	G. Total (Cap+Rev)		
<b><u>ON-GOING SCHEMES</u></b>							
PITB	10	0.000	1,218.721	0.000	1,218.721	1,353.288	161.834
Lahore High Court (LHC)	1	0.000	43.150	0.000	43.150	0.000	0.000
Police Department	2	0.000	10,685.729	0.000	10,685.729	0.000	0.000
Board of Revenue	1	0.000	154.027	0.000	154.027	64.147	0.000
Health Department	1	0.000	72.312	0.000	72.312	0.000	0.000
Excise & Taxation	2	0.000	331.912	0.000	331.912	450.566	250.000
<b>Total: ON-GOING SCHEMES</b>	<b>17</b>	<b>0.000</b>	<b>12,505.851</b>	<b>0.000</b>	<b>12,505.851</b>	<b>1,868.001</b>	<b>411.834</b>
<b><u>NEW SCHEMES</u></b>							
PITB	2	1.000	12.000	0.000	13.000	283.516	120.000
Lahore High Court (LHC)	1	0.000	150.000	0.000	150.000	500.000	0.000
Police Department	3	0.000	566.705	0.000	566.705	10,000.000	4,500.000
Board of Revenue	1	100.000	82.000	0.000	182.000	130.060	0.000
Excise & Taxation	2	0.000	201.648	0.000	201.648	0.000	0.000
Public Procecuton Department	2	0.000	93.000	0.000	93.000	13.002	0.000
Finance Department	1	0.000	100.000	0.000	100.000	52.000	0.000
Home Department	2	0.000	72.796	0.000	72.796	0.000	0.000
S&GAD	1	0.000	25.000	0.000	25.000	25.000	0.000
Law Department	1	0.000	40.000	0.000	40.000	20.000	0.000
<b>Total: NEW SCHEMES</b>	<b>16</b>	<b>101.000</b>	<b>1,343.149</b>	<b>0.000</b>	<b>1,444.149</b>	<b>11,023.578</b>	<b>4,620.000</b>
<b>Total: ADP</b>	<b>33</b>	<b>101.000</b>	<b>13,849.000</b>	<b>0.000</b>	<b>13,950.000</b>	<b>12,891.579</b>	<b>5,031.834</b>
<b>Grand Total</b>	<b>33</b>	<b>101.000</b>	<b>13,849.000</b>	<b>0.000</b>	<b>13,950.000</b>	<b>12,891.579</b>	<b>5,031.834</b>

# GOVERNANCE & INFORMATION TECHNOLOGY

(Million Rs.)

GS No	Scheme Information Approval Date / Location	Est. Cost	Accum. Exp June,16	Provision for 2016-17			MTDF Projections		Throw fwd Beyond June, 2019
				Cap	Rev	G. Total (Cap+Rev)	2017-18	2018-19	
1	2	3	4	5	6	7	8	9	10

## ON-GOING SCHEMES

### **PITB**

4642	Citizen Feedback Monitoring Program 31-10-2014 Punjab	142.442	46.313	0.000	96.129	96.129	0.000	0.000	0.000
4643	E-Filing and Office Automation 01-11-2015 Punjab	170.853	9.903	0.000	125.459	125.459	35.491	0.000	0.000
4644	Citizen Engagement and Public Perception Analysis for Improving Governance and Service Delivery in Punjab (PC-II) 14-01-2016 Punjab	460.000	49.500	0.000	80.324	80.324	200.000	161.834	0.000
4645	Data Warehousing and Business Intelligence 12-01-2016 Punjab	199.465	130.398	0.000	69.067	69.067	0.000	0.000	0.000
4646	IT enabled assessment and trainings for students and teachers 11-11-2014 Punjab	54.900	17.401	0.000	37.499	37.499	0.000	0.000	0.000
4647	Smart monitoring of development projects across Punjab 10-02-2016 Punjab	85.855	12.720	0.000	41.146	41.146	31.989	0.000	0.000
4648	IT based profiling of Govt. Employees. 10-12-2014 Punjab	26.880	16.408	0.000	10.472	10.472	0.000	0.000	0.000
4649	IT Centric Intervention & Smart Monitoring Under Punjab Public Management Reform Program. 17-04-2015 Punjab	1,930.708	444.900	0.000	400.000	400.000	1,085.808	0.000	0.000
4650	Establishment Of Citizen Facilitation and Service Centres. 29-01-2014 Punjab	993.888	636.104	0.000	357.784	357.784	0.000	0.000	0.000
4651	Establishment of Video Conferencing for Punjab Government. 01-02-2015 Punjab	198.286	197.445	0.000	0.841	0.841	0.000	0.000	0.000
<b>Sub-Total: PITB</b>		<b>4,263.277</b>	<b>1,561.092</b>	<b>0.000</b>	<b>1,218.721</b>	<b>1,218.721</b>	<b>1,353.288</b>	<b>161.834</b>	<b>0.000</b>

### **Lahore High Court (LHC)**

4652	New IT Initiatives at Lahore High Court, Lahore and District Courts (Phase-I) 04-01-2016 Lahore	199.500	156.350	0.000	43.150	43.150	0.000	0.000	0.000
<b>Sub-Total: Lahore High Court (LHC)</b>		<b>199.500</b>	<b>156.350</b>	<b>0.000</b>	<b>43.150</b>	<b>43.150</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

### **Police Department**

4653	Punjab Police Integrated Command Control & Communication Center Lahore (Safe City Project Lahore) 04-09-2015 Lahore , -	13,337.490	2,705.640	0.000	10,632.328	10,632.328	0.000	0.000	0.000
4654	Computerization of all police stations in punjab. 10-12-2014 Punjab	169.257	115.856	0.000	53.401	53.401	0.000	0.000	0.000

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1	2	3	4	5	6	7	8	9	10
<b>Sub-Total: Police Department</b>		13,506.747	2,821.496	0.000	10,685.729	10,685.729	0.000	0.000	0.000
<b>Board of Revenue</b>									
4655	Automation of Stamp Paper (E-Stamping) 14-01-2016 Punjab	342.062	123.888	0.000	154.027	154.027	64.147	0.000	0.000
<b>Sub-Total: Board of Revenue</b>		342.062	123.888	0.000	154.027	154.027	64.147	0.000	0.000
<b>Health Department</b>									
4656	District Health Information System 06-05-2016 Punjab	101.026	28.714	0.000	72.312	72.312	0.000	0.000	0.000
<b>Sub-Total: Health Department</b>		101.026	28.714	0.000	72.312	72.312	0.000	0.000	0.000
<b>Excise &amp; Taxation</b>									
4657	GIS Integrated computerization of Urban Immovable Property Tax (UIPT) system in thirty districts of punjab. 11-11-2015 Punjab	904.566	0.000	0.000	204.000	204.000	450.566	250.000	0.000
4658	Reforms in Registration of Motor Vehicles in Punjab 5-16-2016 Punjab	182.676	54.764	0.000	127.912	127.912	0.000	0.000	0.000
<b>Sub-Total: Excise &amp; Taxation</b>		1,087.242	54.764	0.000	331.912	331.912	450.566	250.000	0.000
<b>Total: ON-GOING SCHEMES</b>		19,499.854	4,746.304	0.000	12,505.851	12,505.851	1,868.001	411.834	0.000
<b>NEW SCHEMES</b>									
<b>PITB</b>									
4659	Setting Up Wi-Fi Hotspot 01-09-2015 Punjab	165.516	0.000	0.000	2.000	2.000	43.516	120.000	0.000
4660	E-Procurement Un-Approved Punjab	251.000	0.000	1.000	10.000	11.000	240.000	0.000	0.000
<b>Sub-Total: PITB</b>		416.516	0.000	1.000	12.000	13.000	283.516	120.000	0.000
<b>Lahore High Court (LHC)</b>									
4661	Automation of Case and Courts Management System at LHC & District Courts, Lahore. Un-Approved Punjab	650.000	0.000	0.000	150.000	150.000	500.000	0.000	0.000
<b>Sub-Total: Lahore High Court (LHC)</b>		650.000	0.000	0.000	150.000	150.000	500.000	0.000	0.000
<b>Police Department</b>									
4662	Automation of Traffic Violation Issuance System in City Traffic Police, Lahore Un-Approved Lahore	50.705	0.000	0.000	50.705	50.705	0.000	0.000	0.000
4663	Inventory Management System for Assets of Police Deptt.(PC-II) 15-09-2015 Punjab	16.000	0.000	0.000	16.000	16.000	0.000	0.000	0.000



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1	2	3	4	5	6	7	8	9	10
4664	Safe Cities Projects in Punjab at Multan, Faisalabad, Gujranwala, Bahawalpur and Rawalpindi Un-Approved Multan, Faisalabad, Gujranwala, Rawalpindi, Bahawalpur	15,000.000	0.000	0.000	500.000	500.000	10,000.000	4,500.000	0.000
<b>Sub-Total: Police Department</b>		<b>15,066.705</b>	<b>0.000</b>	<b>0.000</b>	<b>566.705</b>	<b>566.705</b>	<b>10,000.000</b>	<b>4,500.000</b>	<b>0.000</b>
<b>Board of Revenue</b>									
4665	Property Registration Project Un-Approved Lahore	312.060	0.000	100.000	82.000	182.000	130.060	0.000	0.000
<b>Sub-Total: Board of Revenue</b>		<b>312.060</b>	<b>0.000</b>	<b>100.000</b>	<b>82.000</b>	<b>182.000</b>	<b>130.060</b>	<b>0.000</b>	<b>0.000</b>
<b>Excise &amp; Taxation</b>									
4666	Establishment of 9 E&T Service Centers Un-Approved Punjab 06 Districts , -	193.938	0.000	0.000	193.938	193.938	0.000	0.000	0.000
4667	Ease for tax Payer Programme Approved Punjab 05 Districts , 13.000	7.710	0.000	0.000	7.710	7.710	0.000	0.000	0.000
<b>Sub-Total: Excise &amp; Taxation</b>		<b>201.648</b>	<b>0.000</b>	<b>0.000</b>	<b>201.648</b>	<b>201.648</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Public Procecuton Department</b>									
4668	Digitization / Computerization of Public Prosecution Department and Development of Monitoring and Coordination System (Phase-2). Un-Approved Bahawalpur, Rawalpindi, Sargodha, Dera Ghazi Khan, Faisalabad, Multan, Sahiwal	70.000	0.000	0.000	70.000	70.000	0.000	0.000	0.000
4669	Operationalization of Center for Professional Development of Public Prosecutors Un-Approved Bahawalpur, Rawalpindi, Lahore	36.002	0.000	0.000	23.000	23.000	13.002	0.000	0.000
<b>Sub-Total: Public Procecuton Department</b>		<b>106.002</b>	<b>0.000</b>	<b>0.000</b>	<b>93.000</b>	<b>93.000</b>	<b>13.002</b>	<b>0.000</b>	<b>0.000</b>
<b>Finance Department</b>									
4670	Local Government Automated Financial Management & Monitroing System Un-Approved Punjab	152.000	0.000	0.000	100.000	100.000	52.000	0.000	0.000
<b>Sub-Total: Finance Department</b>		<b>152.000</b>	<b>0.000</b>	<b>0.000</b>	<b>100.000</b>	<b>100.000</b>	<b>52.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Home Department</b>									
4671	Managemet Information System (MIS) of Home Department 09-05-2016 Lahore	53.021	0.000	0.000	53.021	53.021	0.000	0.000	0.000
4672	Prisons Management Information System (PMIS) 09-05-2016 Lahore	19.775	0.000	0.000	19.775	19.775	0.000	0.000	0.000
<b>Sub-Total: Home Department</b>		<b>72.796</b>	<b>0.000</b>	<b>0.000</b>	<b>72.796</b>	<b>72.796</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

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1	2	3	4	5	6	7	8	9	10

## S&GAD

4673	Special Management Unit for Service Delivery Improvement & Performance Monitoring in S&GAD Un-Approved Punjab	50.000	0.000	0.000	25.000	25.000	25.000	0.000	0.000
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<b>Sub-Total: S&amp;GAD</b>	50.000	0.000	0.000	25.000	25.000	25.000	0.000	0.000
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## Law Department

4674	Upgradation of Legal Framework systems Un-Approved Punjab	60.000	0.000	0.000	40.000	40.000	20.000	0.000	0.000
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<b>Sub-Total: Law Department</b>	60.000	0.000	0.000	40.000	40.000	20.000	0.000	0.000
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<b>Total: NEW SCHEMES</b>	17,087.727	0.000	101.000	1,343.149	1,444.149	11,023.578	4,620.000	0.000
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<b>Total: ADP</b>	36,587.581	4,746.304	101.000	13,849.000	13,950.000	12,891.579	5,031.834	0.000
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<b>Grand Total</b>	36,587.581	4,746.304	101.000	13,849.000	13,950.000	12,891.579	5,031.834	0.000
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