
INFORMATION TECHNOLOGY

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VISION

To develop Punjab as a hub of IT activity and to utilize IT in order to improve delivery of public services to citizens.

➤ OBJECTIVES

- To provide a reliable, scalable IT infrastructure for the Government of Punjab, including a centralized secure, reliable, scalable data centre, district-level connectivity and license-compliant software.
- Human Resource Development by providing training through Boot Camps and Remedial Programs, IT Teachers training, Global IT Certification, Open Source Training and Training to Government Employees for enhancing E-readiness
- Provision of Software Technology Parks & Incubator Centres
- Formulation of Provincial ICT Policy and Action Plan for short, medium and long term
- Enhancing foreign and domestic investment in the IT sector
- Making and Implementing policies for improved efficiency through automation of business processes and Business Process Re-Engineering (BPR)
- Capacity Building and Human Resource Development of the Government departments through the use of IT

➤ INITIATIVES & STRATEGIC INTERVENTIONS

- Construction of state-of-the-art 17 storey software technology park
- Development of IT Infrastructure and Data Center to connect Government Departments and Districts for E-Governance with each other through common gateway
- Incubator Centers for IT startup firms
- IT Training, manpower development and IT awareness

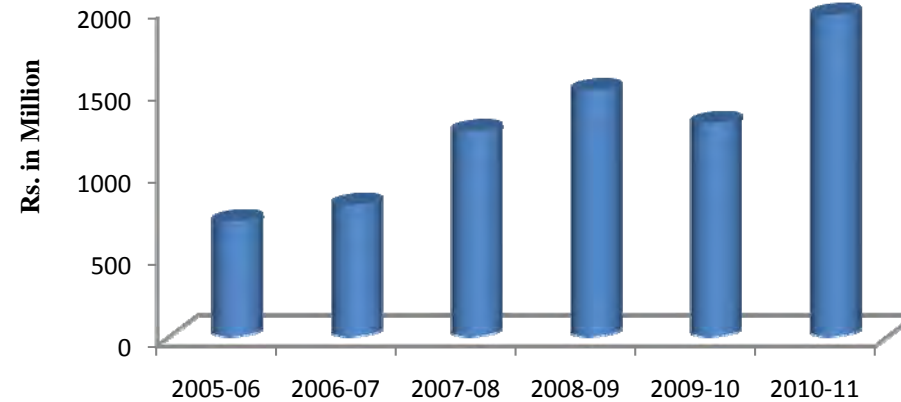
- IT-enabled Arms License Issuance Management System
- Improvement of communication through networking of Highway Patrolling Posts
- Replication of “Motor Transport Management Information System” and “Motor Vehicle Registration System” in the remaining districts of Punjab
- Citizen Services and automation of internal processes in Health, Education, Agriculture, Livestock and Home Departments
- Citizen Feedback System
- License Compliant Software and Open Source Software

Allocation Trend

(Rs in Million)

Financial Year	Budget Estimates
2005-06	700
2006-07	800
2007-08	1,250
2008-09	1,500
2009-10	1,300
2010-11	1,960

Allocation Trend



MTDF 2010-13
Information Technology : Summary
Development Programme 2010-11

Million Rs

Sub-Sector	Ongoing Programme					New Programme					Total				
	Capital	Revenue	Total	F. Aid	Total	Capital	Revenue	Total	F. Aid	Total	Capital	Revenue	Total	F. Aid	Total
ITD	0.000	65.000	65.000	0.000	65.000	0.000	0.000	0.000	0.000	0.000	0.000	65.000	65.000	0.000	65.000
PITB	0.000	42.257	42.257	0.000	42.257	0.000	895.104	895.104	0.000	895.104	0.000	937.361	937.361	0.000	937.361
BOR	0.000	55.000	55.000	754.256	809.256	0.000	0.000	0.000	0.000	0.000	0.000	55.000	55.000	754.256	809.256
Home Department	0.000	148.383	148.383	0.000	148.383	0.000	0.000	0.000	0.000	0.000	0.000	148.383	148.383	0.000	148.383
Total	0.000	310.640	310.640	754.256	1,064.896	0.000	895.104	895.104	0.000	895.104	0.000	1,205.744	1,205.744	754.256	1,960.000
No. of Schemes	11					3					14				

Development Programme 2011-12

Sub-Sector	Ongoing Programme					New Programme					Total				
	Capital	Revenue	Total	F. Aid	Total	Capital	Revenue	Total	F. Aid	Total	Capital	Revenue	Total	F. Aid	Total
ITD	0.000	118.000	118.000	0.000	118.000	0.000	302.000	302.000	0.000	302.000	0.000	420.000	420.000	0.000	420.000
PITB	0.000	759.000	759.000	0.000	759.000	0.000	400.000	400.000	0.000	400.000	0.000	1,159.000	1,159.000	0.000	1,159.000
BOR	0.000	10.000	10.000	450.000	460.000	0.000	0.000	0.000	0.000	0.000	0.000	10.000	10.000	450.000	460.000
Home Department	0.000	30.000	30.000	0.000	30.000	0.000	50.000	50.000	0.000	50.000	0.000	80.000	80.000	0.000	80.000
Total	0.000	917.000	917.000	450.000	1,367.000	0.000	752.000	752.000	0.000	752.000	0.000	1,669.000	1,669.000	450.000	2,119.000

Development Programme 2012-13

Sub-Sector	Ongoing Programme					New Programme					Total				
	Capital	Revenue	Total	F. Aid	Total	Capital	Revenue	Total	F. Aid	Total	Capital	Revenue	Total	F. Aid	Total
ITD	0.000	150.000	150.000	0.000	150.000	0.000	200.000	200.000	0.000	200.000	0.000	350.000	350.000	0.000	350.000
PITB	0.000	900.000	900.000	0.000	900.000	0.000	580.000	580.000	0.000	580.000	0.000	1,480.000	1,480.000	0.000	1,480.000
BOR	0.000	20.000	20.000	600.000	620.000	0.000	0.000	0.000	0.000	0.000	0.000	20.000	20.000	600.000	620.000
Home Department	0.000	20.000	20.000	0.000	20.000	0.000	50.000	50.000	0.000	50.000	0.000	70.000	70.000	0.000	70.000
Total	0.000	1,090.000	1,090.000	600.000	1,690.000	0.000	830.000	830.000	0.000	830.000	0.000	1,920.000	1,920.000	600.000	2,520.000

INFORMATION TECHNOLOGY MTDF 2010-13: GRAND TOTAL

6,599.000

INFORMATION TECHNOLOGY: SUMMARY

(Rs. in million)

Type / Sub Sector	No. of Schemes	Provision for 2010-11							Projection for 2011-12	Projection for 2012-13
		Local		Foreign Aid		Total		G. Total (Cap+Rev)		
		Capital	Revenue	Capital	Revenue	Capital	Revenue			
<u>ON-GOING SCHEMES</u>										
Information Technology Department (ITD)	3	0.000	65.000	0.000	0.000	0.000	65.000	65.000	118.000	79.975
Punjab Information Technology Board (PITB)	4	0.000	42.257	0.000	0.000	0.000	42.257	42.257	0.000	0.000
Home Department	2	0.000	148.383	0.000	0.000	0.000	148.383	148.383	30.000	30.000
Board of Revenue (BOR)	2	0.000	55.000	613.433	140.823	613.433	195.823	809.256	2,584.962	2,837.883
Total: ON-GOING SCHEMES	11	0.000	310.640	613.433	140.823	613.433	451.463	1,064.896	2,732.962	2,947.858
<u>NEW SCHEMES</u>										
Punjab Information Technology Board (PITB)	3	0.000	895.104	0.000	0.000	0.000	895.104	895.104	749.948	794.948
Total: NEW SCHEMES	3	0.000	895.104	0.000	0.000	0.000	895.104	895.104	749.948	794.948
Grand Total	14	0.000	1,205.744	613.433	140.823	613.433	1,346.567	1,960.000	3,482.910	3,742.806

INFORMATION TECHNOLOGY

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)
						Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

ON-GOING SCHEMES

Information Technology Department (ITD)

2918	1	Name of the Scheme	Motor Vehicle Registration (MVR)-MTMIS (Phase -II)	0.000	438.916	175.628	0.000	25.000	0.000	0.000	0.000	25.000	25.000	0.000	0.000	0.000
		Approval Date	Approved													
		Major Components	Operational expenses for issuance of motor vehicle registration certificates													
		Major Targets	Computerization issuance of motor vehicle registration Certificate													
		District and Tehsil	Bahawalnagar, Khanewal, Chiniot													
2919	2	Name of the Scheme	New IT Initiatives for Lahore High Court	0.000	199.975	0.000	0.000	20.000	0.000	0.000	0.000	20.000	20.000	100.000	79.975	0.000
		Approval Date	Approved 12.08.2009													
		Major Components	Procurement of hardware, connectivity, video conferencing													
		Major Targets	Automation & Integration													
		District and Tehsil	Punjab													
2920	3	Name of the Scheme	Automation of UIPT System	0.000	65.281	27.281	0.000	20.000	0.000	0.000	0.000	20.000	20.000	18.000	0.000	0.000
		Approval Date	Revised September, 2009													
		Major Components	Operational expenses for automation of property tax													
		Major Targets	Automation of Property tax													
		District and Tehsil	Punjab													
Sub-Total: Information Technology Department (ITD)				0.000	704.172	202.909	0.000	65.000	0.000	0.000	0.000	65.000	65.000	118.000	79.975	0.000

Punjab Information Technology Board (PITB)

2921	4	Name of the Scheme	Establishment of PMO for the Construction of STP, Ferozepur Road Lahore.	0.000	99.460	85.037	0.000	14.804	0.000	0.000	0.000	14.804	14.804	0.000	0.000	0.000
		Approval Date	Approved													
		Major Components	Manpower													
		Major Targets	Supervise Monitor and control the STP Project for close coordination between Consultants and Contractors													
		District and Tehsil	Lahore													

INFORMATION TECHNOLOGY

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013		
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)	
						Cap	Rev	Cap	Rev	Cap	Rev					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
2922	5	Name of the Scheme	Survey, Design, Feasibility study and supervision for construction of STP PC-II	0.000	125.082	105.823	0.000	19.259	0.000	0.000	0.000	19.259	19.259	0.000	0.000	0.000
		Approval Date	Approved													
		Major Components	Hiring of Consultant Monitoring/supervision of Consultants													
		Major Targets	Architectural and Construction Designs and Drawings													
		District and Tehsil	Lahore													
2923	6	Name of the Scheme	Computerization of Implementation & Coordination (I&C), S&GAD.	0.000	36.160	30.420	0.000	5.740	0.000	0.000	0.000	5.740	5.740	0.000	0.000	0.000
		Approval Date	Approved													
		Major Components	Hardware, software and Networking													
		Major Targets	Implementation of workflow management system, Networking and M & O of Chief Secretary Petition Cell.													
		District and Tehsil	Lahore													
2924	7	Name of the Scheme	Development of IT Infrastructure for Governor's Secretariat, Lahore	0.000	15.984	13.530	0.000	2.454	0.000	0.000	0.000	2.454	2.454	0.000	0.000	0.000
		Approval Date	Approved													
		Major Components	Hardware, software, furniture and Networking													
		Major Targets	Development of IT Cell & Automation													
		District and Tehsil	Lahore													
Sub-Total: Punjab Information Technology Board (PITB)				0.000	276.686	234.810	0.000	42.257	0.000	0.000	0.000	42.257	42.257	0.000	0.000	0.000
Home Department																
2925	8	Name of the Scheme	License Issuance and Management System (LIMS)	0.000	294.922	1.610	0.000	13.383	0.000	0.000	0.000	13.383	13.383	30.000	30.000	219.435
		Approval Date	Approved April, 2007													
		Major Components	Hardware, Network, Software													
		Major Targets	Customization of Software Application setup of 5 centers for machine-readable arms licence													
		District and Tehsil	Lahore, Layyah, Sialkot, Sheikhpura, Multan													

INFORMATION TECHNOLOGY

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013		
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)	
						Cap	Rev	Cap	Rev	Cap	Rev					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
2926	9	Name of the Scheme	Improvement of Communication through Computerized network of PHPP	0.000	483.661	350.000	0.000	135.000	0.000	0.000	0.000	135.000	135.000	0.000	0.000	0.000
		Approval Date	Approved 07.03.2009													
		Major Components	Establishment of VSAT Network, Emergency calls logging and reporting Software, centralized 24 hours call centre, Vehicle Traking System for better M&E.													
		Major Targets	Completion of all remaining posts													
		District and Tehsil	Punjab													
Sub-Total: Home Department				0.000	778.583	351.610	0.000	148.383	0.000	0.000	0.000	148.383	148.383	30.000	30.000	219.435
Board of Revenue (BOR)																
2927	10	Name of the Scheme	Automation of BoR	0.000	50.322	2.980	0.000	45.000	0.000	0.000	0.000	45.000	45.000	5.322	0.000	0.000
		Approval Date	Approved 27.02.2009													
		Major Components	Measures to improve overall efficiency of work/output in Board of Revenue, Punjab													
		Major Targets	Business process Reengineering in Board of Revenue with the objective of increasing efficiency													
		District and Tehsil	Lahore													
2928	11	Name of the Scheme	Land Record Management Information System Phase-I	5,363.202	6,329.718	147.939	0.000	10.000	613.433	140.823	613.433	150.823	764.256	2,579.640	2,837.883	0.000
		Approval Date	Approved revised 30.04.2009													
		Major Components	1) Business Process Improvement and Institutional Capacity Enhancement 2) Development Enhancement and Deployment of the LRMIS 3) Service Delivery and Information Campaigns 4) Project Management, Monitoring & Evaluation													
		Major Targets	1) Final Evaluation of customized software of LRMIS 2) Data entry in 36 districts 3) Civil Works in all Districts													
		District and Tehsil	Punjab													
Sub-Total: Board of Revenue (BOR)				5,363.202	6,380.040	150.919	0.000	55.000	613.433	140.823	613.433	195.823	809.256	2,584.962	2,837.883	0.000
Total: ON-GOING SCHEMES				5,363.202	8,139.481	940.248	0.000	310.640	613.433	140.823	613.433	451.463	1,064.896	2,732.962	2,947.858	219.435

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(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013	
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)
						Cap	Rev	Cap	Rev	Cap	Rev				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

NEW SCHEMES

Punjab Information Technology Board (PITB)

2929	12	Name of the Scheme	Training Initiatives	0.000	300.000	0.000	0.000	25.000	0.000	0.000	0.000	25.000	25.000	135.000	140.000	0.000
		Approval Date	Un-Approved													
		Major Components	Boot camps and Remedial Programs, IT teaching training, Global IT certification, Mobile application Training, Business process Training, Open source training, SME workshops, Govt. employees training, IT promotion and Awareness.													
		Major Targets	6 Bootcamps (40 days), 2 Remedial Courses (100 days), 2 teacher training Courses, 6 mobile application workshops, 4 Global IT Trainings, 2 TEVTA Trainings, 4 Open source trainings, 4 SME trainings and 6 govt. employees trainings.													
		District and Tehsil	Punjab													
2930	13	Name of the Scheme	Technology Parks and Incubator Centers	0.000	40.000	0.000	0.000	40.000	0.000	0.000	0.000	40.000	40.000	0.000	0.000	0.000
		Approval Date	Un-Approved													
		Major Components	Feasibility study for future technology Parks at South Ring Road Lahore, other cities in order to develop multiple IT hubs in Punjab, Provision of facilities for start up IT firms Incubator Centers													
		Major Targets	To complete feasibility studies of proposed STP parks at south Ring Road and other cities like Faisalabad, Multan etc.													
		District and Tehsil	Punjab													

INFORMATION TECHNOLOGY

(Rs. in million)

GS No	SS No	Scheme Information	Estimated Cost		Exp. upto 2009-10	Provision for 2010-11						Projection for 2011-12	Projection for 2012-13	Throw fwd beyond June, 2013		
			F. Aid	Total		Local		Foreign Aid		Total					G. Total (Cap+Rev)	
						Cap	Rev	Cap	Rev	Cap	Rev					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
2931	14	Name of the Scheme	Punjab Gateway Project / E-Government Initiative	0.000	2,100.000	0.000	0.000	830.104	0.000	0.000	0.000	830.104	830.104	614.948	654.948	0.000
		Approval Date	Un-Approved													
		Major Components	A) Centralized Secure, reliable and Scalable Data center B) Secure and Reliable District level connectivity C) desktop Software Licenses under Strategic Partnership Agreement (SPA) D) e-Government applications E) Design & Scope of Punjab Gateway Project													
		Major Targets	A, B, C to be completed. D) piloting of e-Government applications. E) Completion of Design & Scope of Punjab Gateway Project													
		District and Tehsil	Punjab													
Sub-Total: Punjab Information Technology Board (PITB)				0.000	2,440.000	0.000	0.000	895.104	0.000	0.000	0.000	895.104	895.104	749.948	794.948	0.000
Total: NEW SCHEMES				0.000	2,440.000	0.000	0.000	895.104	0.000	0.000	0.000	895.104	895.104	749.948	794.948	0.000
Grand Total				5,363.202	10,579.481	940.248	0.000	1,205.744	613.433	140.823	613.433	1,346.567	1,960.000	3,482.910	3,742.806	219.435