



## ICT EDUCATION PROJECT

S NO	ITEM	DESCRIPTION
1	<b>Name of the Department</b>	ICT- Compulsory Computer Education in Schools
2	<b>Name of the Project</b>	ICT- School Education
3	<b>Brief Description of Project</b>	The Government of Punjab in the Department of School Education has decided to provide Information and Communication Technology (ICT) / computer education to the students in upper primary 5400 selected Government Schools in phased manner to start with, to the students from class 6 <sup>th</sup> to class 12 <sup>th</sup> till session 2006-2007 to make them "IT Literate and Digitally enabled".
3	<b>Parameters</b>	<p><b>Student : PC Ratio</b>      2:1</p> <p><b>Number of Classes</b>    2 practical classes per week, 2 theoretical classes per week</p> <p><b>Gross Student: PC Ratio</b>      40-45:1</p> <p><b>Teachers</b>                : BCA or equivalent with min. of three subjects of computers in all three years leading to degree or diploma from recognized Univ.</p>
4	<b>Present Status</b>	<ul style="list-style-type: none"> <li>• From academic session 2006-2007, compulsory computer education has been started for class 6<sup>th</sup> to class 12<sup>th</sup> in 2878 out of total 5422 Schools of first phase of the Information &amp; Communication Technology (ICT) project.</li> <li>• For this purpose, computer lab(s) equipped with 10-15 Personal Computers, Printer, Uninterrupted Power Supply (UPS), networking, Internet Connectivity etc. in each school of first phase have been established on lease, maintain basis for a period of five years.</li> <li>• In all phases, more than 45000 Personal Computers along with the necessary software on 5-year lease would be in place.</li> <li>• For providing computer training to the students, more than 5000 teachers have been hired on contract basis for phase I and Phase II of the ICT project.</li> <li>• Nominal fee ranging from Rs. 15 to Rs. 20 is being charged from the students.</li> <li>• Out of total 13.5 students, about 11 lacs have already been covered in phase I and phase II and remaining students are being covered in phase III from September 2007 onwards.</li> </ul>
5	<b>Technology Used</b>	Microsoft platform & technology including Windows XP

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		professional, Encarta, MS Officer Professional & Visual Studio
5.1	<b>Operating System</b>	Window XP Professional for Desktops Window 2003 Server for Servers
5.2	<b>Type of Architecture</b>	Distributed
5.3	<b>Number of PCs used in Project</b>	32000 PC's Approx, another 12000 PC's being added till January, 2007
5.4	<b>LAN Status</b>	Connected to LAN in each lab in the school
5.5	<b>Number of PC connected to LAN</b>	10-15 computers depending on the student population in School
6	<b>Home Page</b>	-
	<b>Screen Shot</b>	
		
7	<b>Software Developed by</b>	MIS being Developed to get Web Based information of all Government Schools
8	<b>Benefits of the Project</b>	Providing computer education to 11 lacs student population of Punjab out of total 13.2 lacs students in Government schools.  This will give tremendous confidence and competitive advantage to the students of Government schools and especially SC's and poor students to enable them to bridge the digital divide
9	<b>Future Plan</b>	2433 schools having enrollment more than 25 is being covered making the total student population to be covered under this project