



JKC Lab



Establishment of JKC Labs in GDCs

1. Introduction

- The demand for computer access is high and hence the Commissionerate of Collegiate Education has established student centered technology centers called **JKC Labs** in Govt. Degree Colleges with an intention of providing Computer skills and Employable skills relevant to the industry needs.
- The students undergoing training in JKC use JKC Lab as a supplement learning tool and improve their skills in computing.

2. Objectives

- To provide computer access to students studying in rural areas
- To provide electronic learning resources using Internet
- To expose students to numerous software programs to improve reading skills
- To enhance the employability potential among students.

3. JKC Labs Establishment in Govt. Colleges

Year of Establishment	No. of JKC Labs	Project Executed	Funds utilized
2006 – 07 (I Phase)	11	IEG, GoAP as turn key project	Govt. accorded administrative sanction to utilize the accumulated Special Fee Funds of the respective Colleges @ Rs. 25 Lakhs per each JKC Lab.
2007-08 (II Phase)	14	CCE, GoAP through e-procurement Platform of GoAP as turn key project	
Total	25		

4. Details of Project for Establishment of JKC Lab

- Established JKC Labs as a turn Key Project with 3 years warranty
- Server – Thin Client Technology

S.no	Products/ items	Quantity
1	Renovation of Rooms of Plinth area: 1000 SFT Modernization to convert the rooms into computer lab(Cubicles) 50 seat capacity	-
2	IT Hardware: Servers (High end configuration Servers) Make: DELL (A multinational company)	2
3	IT Hardware: Thin Clients Make: VXL (I Phase JKC Labs) Make: Gigabyte (II Phase JKC Labs)	50
4	IT Software: Microsoft Campus agreement: Bundle of Microsoft Products: 1. MS Windows 2003 Server 2. MS XP professional & MS Office 4. MS Visual Studio Dot Net 5. MS SQL Server	Microsoft software products for all systems in the College (2008-2011) Unlimited number of licenses
5	Networking Components to connect all the 50 Clients with two Servers: 1. Network Switches (Three) 2. LAN Points (55) 3. LAN Cabling 4. Surface Mounts Boxes (55) 5. 12 U Box for Switches 6. RJ 45 Connectors (55) 7. Patch Cords (1Mts) 8. Patch cords (2 Mts)	
6	DLP Projector Make: DELL	1
7	UPS 10 KVA with 2 Hrs Backup Make: APC (I Phase JKC Labs) Make: Numeric (II Phase JKC Labs)	1
8	Computer System with High configuration Make: DELL	1
9	Scanner Make: HP	1
10	Printer Multi purpose Make: HP	1
11	Anti-Virus NOD 32	All Systems
12	Air Conditioners – (2 Tons each) – Voltas Make	4