Ranchi University

Established on 12th July 1960

The oldest University of Jharkhand State

Jharkhand State in India
Showing area of RU

1. Best ICT Practices

The ICT Journey of RU began way back in 1976, when UGC selected Ranchi University for establishment of Computer Centre. It started functioning in 1979 with mainframe computer providing assistance to teachers and research scholars.

Best ICT Practices (Contd.)

In mid-90s courses for computer training of staff and teachers was started.

Best ICT Practices (Contd.)

In 1999, the Centre started computerization of examination system.

Since 2002, entire examination process, from registration to issue of final Degree is being done at the Centre, with the help of customized software provided by MECON India Ltd.

Best ICT Practices (Contd.)

In 2005, Ranchi University was chosen by UGC as one of the partners in INFLIBNET, Hyderabad, and real automation of Central Library, with more than one lakh books at that time, was started.

Best ICT Practices (Contd.)

In 2011, an E-learning & Knowledge Centre was established in a new three-storey building adjacent to Central Library. One server and **25 thin clients** were installed to provide access to INFLIBNET, online journals, and internet to the students.

Best ICT Practices (Contd.)

All University Departments, Central Library, Dean's Office, Multi-purpose Examination Hall, Academic Staff College, Institute of Management Studies, etc. are linked to 1 GBPS connectivity provided by BSNL/NIC under NKN project, benefitting teachers and students.

Best ICT Practices (Contd.)

The network is also being used for IP Network cameras positioned at strategic locations to record/view the activities, especially in the Library and Multi-purpose examination hall with centralised NVR Server. This would not have been possible without this Network.

The NKN facilities shall be used to provide Distance Learning Education and Vocational Courses in a much efficient and more accessible way than before.

Best ICT Practices (Contd.)

Computer Centre is establishing **A-View class room** with prescribed audio-visual facilities for recording lectures of renowned teachers of Ranchi University and presentation of live/recorded lectures of renowned teachers of other Universities in India and abroad.

Thus, the Major benefit is that the Campus now has a network with intra-net capability. This will be exploited by using a **dedicated ERP based application software** for e-governance in the University

2. Difficulties Encountered

- Being a State University Paucity of fund is the major difficulty encountered.
- Resistance to Change – a common human attribute
- The contents and modules of ICT are English-based: causing language barrier.

3. Interventions Required

Full financial and technical support required for the following.

- Assistance to establish two smart classrooms in each of the 22 University Departments.
- At least one classroom in each Department be converted to A-View Classroom

Interventions Required (Contd.)

support for the establishment of Virtual Laboratories in all practical departments

Appointment of sufficient technical personnel to keep the network up and running 24X7.

I GBPS connectivity be increased to at least 3 GBPS.

Thank You!