

4.3.2 Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

To meet the requirements of 'Dr. Babasaheb Ambedkar Technological University IT Usage Policy' the Cyberoam - CR300i unified threat management appliance is used. User connectivity, infrastructure security, and their governance are maintained by the Cyberoam CR 300i's features like Stateful Inspection Firewall, Gateway Antivirus and Spyware, Gateway Anti-Spam, Intrusion Prevention System, Web-Filtering, Bandwidth Management, Multiple Link Management, Comprehensive Reporting.

University Network Infrastructure has 2 Gateways

- 1) NKN/BSNL Gateway (1 Gbps)
- 2) RailTel Gateway (10 Mbps)

Name	IP Address	Interface	Type	Activate on Failure of	Weight
NKN	14.139.120.1	PortF - 14.139.120.2/255.255.255.240	Active	N/A	1
Railtel	203.153.39.169	PortB - 203.153.39.173/255.255.255.248	Backup	NKN gateway	NA

Whenever a user connects a device to the University Network Infrastructure, he/she is assigned an IP address from the pool and then to access the Internet the login-ID and Password is asked for authentication by Cyberoam Server. All Hostels and few locations of departments are having Wi-Fi facilities. All further communication are governed by Cyberoam Server using various policies as follows:

- 1) User Account Distribution and Usage QoS Policy
- 2) Web-Filter Policy
- 3) Application Filter Policy