CRITERION 4 Infrastructure and Learning Resources	4.3 IT Infrastructure
4.3.3Bandwidth of internet connection in the Institution	

Bandwidth of Internet Connection & Number of Students

Options:

A. ≥50 Mbps

B. 35 Mbps - 50 Mbps

C. 20 Mbps - 35 Mbps

D. 5 Mbps - 20 Mbps

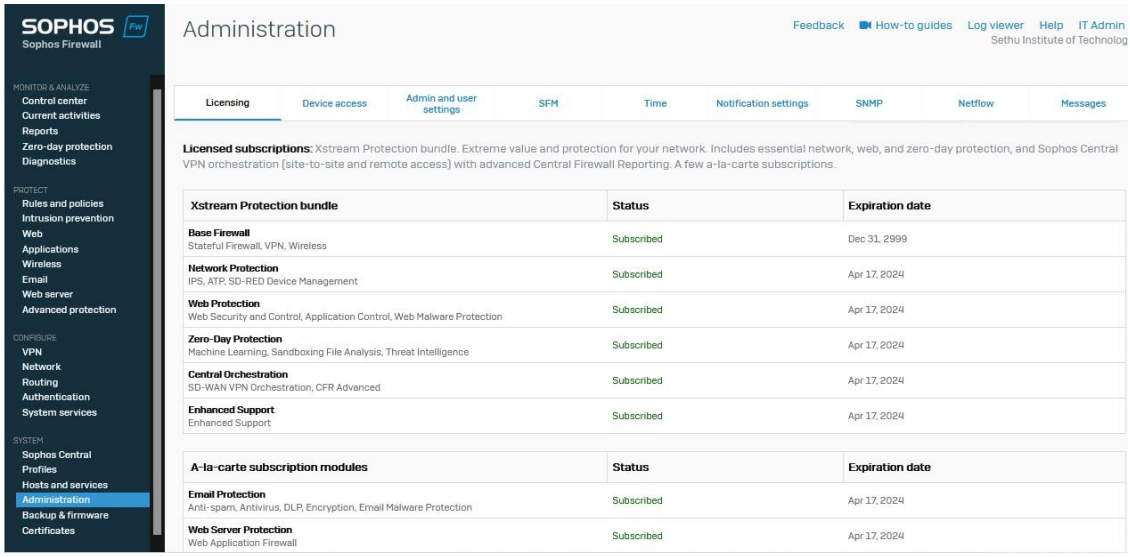
E. <5 Mbps

Ans A.≥50 Mbps

Institute provides Internet, Wi-Fi facility and LAN to the staff members and students to meet connectivity requirements. We give provision of power backup to avoid disturbance in smooth conduct of online examination, practical during Guest Lectures, Lab Sessions etc.

Sl. No.	Particular (2021-2022)	Details
1	Name of the Internet provider	BSNL
2	Available bandwidth	1 Gbps
3	Availability of Internet	Yes
4	Availability in faculty rooms	Yes
5	Availability in computing labs	Yes
6	Institute e-mail facility to faculty/Students	Yes
7	Security for Internet Users	Sophos (Firewall)

Year	2021-2022	2020-2021	2019-2020	2018-2019	2017-2018
Number of Students	4301	4225	4441	4489	4697
Bandwidth	**1Gbps**	**500 Mbps**	**300 Mbps**	**200 Mbps**	**155 Mbps**
Service Provider	BSNL	BSNL	BSNL	BSNL	BSNL


SOPHOS
Sophos Firewall
Administration
Feedback
How-to guides
Log viewer
Help
IT Admin
Sethu Institute of Technolog
MONITOR & ANALYZE
Control center
Current activities
Reports
Zero-day protection
Diagnostics
PROTECT
Rules and policies
Intrusion prevention
Web
Applications
Wireless
Email
Web server
Advanced protection
CONFIGURE
VPN
Network
Routing
Authentication
System services
SYSTEM
Sophos Central
Profiles
Hosts and services
Administration
Backup & firmware
Certificates
Licensing
Device access
Admin and user settings
SFM
Time
Notification settings
SNMP
Netflow
Messages
Licensed subscriptions: Xstream Protection bundle. Extreme value and protection for your network. Includes essential network, web, and zero-day protection, and Sophos Central VPN orchestration (site-to-site and remote access) with advanced Central Firewall Reporting. A few a-la-carte subscriptions.
Xstream Protection bundle
Status
Expiration date
Base Firewall
Stateful Firewall, VPN, Wireless
Subscribed
Dec 31, 2999
Network Protection
IPS, ATP, SD-RED Device Management
Subscribed
Apr 17, 2024
Web Protection
Web Security and Control, Application Control, Web Malware Protection
Subscribed
Apr 17, 2024
Zero-Day Protection
Machine Learning, Sandboxing File Analysis, Threat Intelligence
Subscribed
Apr 17, 2024
Central Orchestration
SD-WAN VPN Orchestration, CFR Advanced
Subscribed
Apr 17, 2024
Enhanced Support
Enhanced Support
Subscribed
Apr 17, 2024
A-la-carte subscription modules
Status
Expiration date
Email Protection
Anti-spam, Antivirus, DLP, Encryption, Email Malware Protection
Subscribed
Apr 17, 2024
Web Server Protection
Web Application Firewall
Subscribed
Apr 17, 2024