



राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम
NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM

(An Institution of National Importance under Ministry of Education, Govt. of India)
CHALTLANG, AIZAWL, MIZORAM - 796012

Phone: 0389-2391236 / 0389-2391774

Email: registraroffice@nitmz.ac.in

F.No.: NITMZ/C-28-2/INTERNET/2022/3899

Date. 31 JAN 2023

CIRCULAR

With the approval of the Competent Authority, the Internet Usage Policy for all the Hostels of NIT Mizoram shall hereby be implemented with effect from 01.02.2023.

The policy is at Annexure-1

Sd/-

(Dr. LALTHANCHAMI SAILO)

Registrar

National Institute of Technology Mizoram

Memo. No.: NITMZ/C-28-2/INTERNET/2022/.....3899

Dt. 31 JAN 2023

Copy for information to:

1. Director's Personal Branch, NIT Mizoram.
2. Registrar's Personal Branch, NIT Mizoram.
3. All Deans.
4. All HoDs.
5. Executive Engineer (Civil) & Junior Engineer (Civil)
6. All Wardens & Asst. Wardens
7. Assistant Librarian, Central Library
8. Dr. Sandeep Kumar Dash- with a request to upload in the Institute's website.
9. Concerned File.
10. Order Guard File.

Shoko
Deputy Registrar

National Institute of Technology Mizoram

उप. कुलसचिव
Deputy Registrar

रा.प्रौ.सं. मिजोरम/NIT Mizoram

version: 2
date: 02-11-2022
no. of pages: 7



NATIONAL INSTITUTE OF MIZORAM

WIRELESS ACCESS POLICY

NIT MIZORAM HOSTELS WI-FI

List of Abbreviations

AAA	Authentication, Authorization, Accounting
FTP	File Transfer Protocol
FTTH	Fiber to the Home
HTTP	Hypertext Transfer Protocol
HTTPS	Hypertext Transfer Protocol Secure
IEEE	Institute of Electrical and Electronics Engineers
IMAP	Internet Message Access Protocol
ISP(s)	Internet Service Provider(s)
IT	Information Technology
LAN	Local Area Network
NIT	National Institute of Technology
NITMZ	National Institute of Technology, Mizoram
P2P	Peer-to-peer
POP3	Post Office Protocol 3
QoS	Quality of Service
SMTP	Simple Mail Transfer Protocol
TRAI	Telecom Regulatory Authority of India
VoIP	Voice over Internet Protocol
WAN	Wide Area Network
Wi-fi	Wireless Fidelity

WI-FI POLICY

NIT Mizoram is committed to ensuring that all the faculty, staff and students of this institution have access to modern computing resources and a fully networked academic environment. In accordance with this objective, every user of these resources is expected to abide by the following rules which are formulated to ensure that the overall integrity, flexibility and operation of the network resources, privacy and academic work of the user are not compromised, and the ability to connect to international IT resources (networks) is not hampered.

Telecom Regulatory Authority of India (TRAI), statutory body that controls the Internet Service Providers (ISPs.) in India directed all Institute/Universities to take strong steps in strengthening the security of Wi-Fi networks and the users behind Wi-Fi device should be registered with authorities and ensure that no other mobile clients, other than registered one, is allowed in Wi-Fi network access.

The Institute (ISP) has rights to do lawful monitoring/logging of all internet user's activity and share it with statutory bodies, if warranted. In order to comply with TRAI's guidelines, NITMZ implemented the IEEE 802.1x based AAA system to identify the users and their activity.

Scope:

This policy applies to everyone who uses NITMZ IT resources, whether physically located on campus or remotely connected. Hence this policy applies to all electronic information stored or transmitted on the NIT Network and the supporting IT infrastructure and cover all students, faculty, staff – whosoever use the NIT network.

Any student or device that accesses Wi-Fi network shall:

- Protect the user account from unauthorized use by not sharing the credentials to others for any reasons/mean. You will be held responsible for any misuse of your account. Maximum Number of Concurrent (simultaneous) logins for a user account is TWO devices either laptop/tablet/mobile (Switching between two devices will take minimum of 30 seconds after disabling the wireless adapter or switching OFF the already connected devices).
- Use the Internet judiciously and adhere to other institute/hostel policies.
- Incidences of actual or suspected non-compliance of this policy should be reported to NIT Computer Centre or concerned person in-charge immediately.

Enforcement of the Policy:

NITMZ reserves the right to disable your wireless network access for any of the following reasons (*if found in violation*):

- Allowing other individuals (e.g., friends, co-workers, multiple devices etc.) to use your account.
- Attempt to tamper/hack the servers/network or overloading IT resources and assets by excessive bandwidth usage or using misconfigured devices or knowingly using a false identity.
- Download/Use/Store or transmit illegal copies of copyrighted materials or patented software/movies/songs etc. is a violation of the regulatory laws that involve protection of data or privacy.
- Individual Wireless Access points/Routers are strictly prohibited in Hostels/Dormitories/Scholar Residence. Wherever allowed, such device should employ sufficient authentication mechanisms to prevent unauthorized access. However, these devices will not be allowed to bypass the Institutional firewall and Proxy Devices unless approved by the network and maintenance group.
- Circulating/Broadcasting hate mails, message/announcements or images intended to harm or humiliate others, discrimination or individual attacks on others, or expressing animus towards any person or group by any reason (contest, color, religion, national origin, gender, sexual orientation or disability) is prohibited.

Violation of this policy and guidelines is a serious offense and Institute shall have the rights to permanently seize the laptop/devices and/or initiate.

Internet Facilities in NITMZ Hostels:

NITMZ is getting its Internet Bandwidth from BSLN (FTTH, Leased Line), Netsurf, LucasNet and Zipro ISPs. The connection speed provided is over 100 MBPS each with a backup connection.

With the extensive use of the Internet, network performance outreach in three ways:

- When compared to the speed of LAN, Internet traffic over the WAN is a potential bottleneck.
- When users are given free access to the internet, non-critical downloads may clog the traffic, resulting in poor QoS and affecting critical users and applications.
- When computer systems are networked, viruses that get into the LAN, through Intranet/Internet, spread rapidly to all other unprotected computers on the network, exploiting the vulnerabilities of the operating systems.

The priorities for the IT resources can be established and enforced when demand for computing resources exceeds available capacity. For use of NIT computing resources various priorities are:

MAXIMUM: Uses that directly support the educational, research and service missions of the NIT.

LOWEST: Uses that indirectly benefit the education, research and service missions of the NIT; reasonable and personal communications.

PROHIBITED: Amusement activities (game playing, e-trading, e-shopping, social networking, movies and songs, chatting/video chatting or use of VoIP services) unless permitted, use of torrent and P2P software and all activities in violation of the Indian IT Act.

Wi-Fi Policy for Residents of NITMZ Hostels:

- Usage of Wireless infrastructure in hostels is to enhance the accessibility of the internet for academic purposes and to browse exclusive online resources (licensed online journals) of the Institute for student's/faculty members and staff.
- Availability of the signal will vary from place to place. The signal strength also may vary from location to location. It is not mandatory that each and every area in each floor of every block will have the same kind of signal strength, coverage and throughput.

- As per institute IT security policy, users can access the following ports: Through proxy – http (80), https (443), ftp (21). Without proxy – POP3 (110), POP3s (995), SMTP (25), SMTPs (465), IMAP (143), IMAPs (993), SMTP (587).
- Access to Wireless internet is only an extended service and neither students nor anyone who is residing in the hostels can demand the service. Availability of wireless services solely depends on the discretion of the institute and it has rights to stop/interrupt the services at any given point of time, if required for any technical purpose.
- The access points provided in hostels are the property of Institute and any damage or loss of the equipment will be considered as a serious breach of University's code of conduct and disciplinary action will be initiated on the student/s who found guilty for the loss or damage of the Wireless Infrastructure or the corresponding equipment in the hostel's buildings. In the event of any loss or damage to the wireless infrastructure, NITMZ will assess the damage and the same will be recovered from all the students who are residing in that floor/building/hostel.
- Timings: The Wi-Fi service is available 24x7.

PRIVACY

Network and Internet access is provided as a tool to accomplish the NITMZ strategic goals and objectives. The NITMZ reserves the right to monitor, inspect, copy, review, and store at any time and without prior information any and all network and Internet use, as well as any and all materials, files, information, software, communications, and other content transmitted, received, or stored in connection with this use. All such information, content, and files are the property of the NITMZ. Network administrators may review files and intercept communications for any reason, including, but not limited to, maintaining system integrity and ensuring employees are using the system in accordance with this policy.

NONCOMPLIANCE

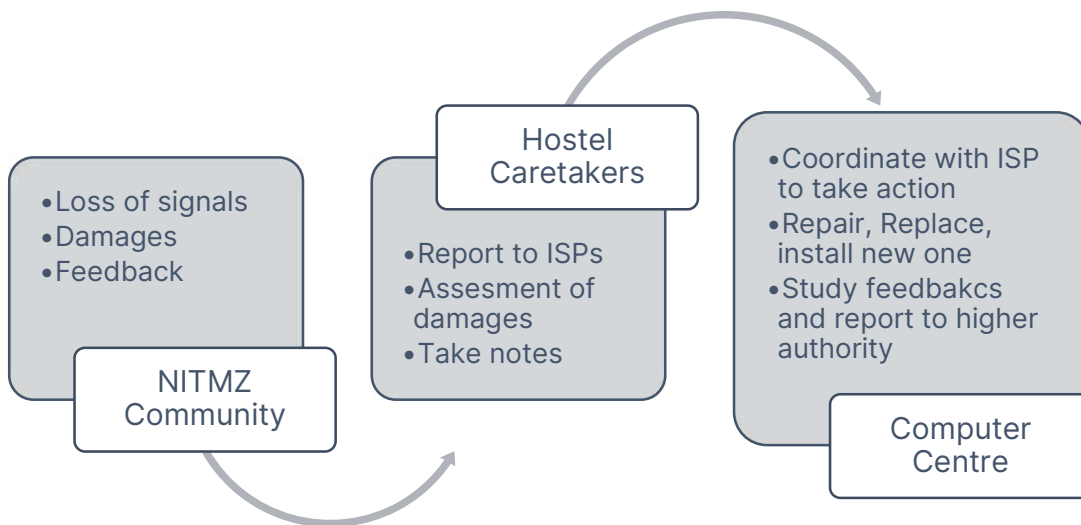
The use of the computer network and the Internet is a privilege, not a right. Violation of this policy, at the minimum will lead to disciplinary action. Policy breaches include violating the above provisions and failing to report violations by other users.

Permitting another person to use your account or password to access the network or the Internet including, but not limited to, someone whose access has been denied or terminated is a violation of policy. In case another user violates this policy using one's account, the account holder will be held responsible and both will be subject to disciplinary/administrative action. Criminal violations may lead to criminal or civil prosecution.

GRIEVANCES

NITMZ community has the right to submit complaints if any of the networks related problems to the concerned person(s). NIT Computer Centre will coordinate with the user/service engineers (and vendors, if required) of the network hardware or with internal team to resolve the problem within a reasonable time limit. However, Computer Centre and its staff will be responsible only for solving the Hardware/Software/Network related problems or services related to it.

MODEL GRIEVANCE FLOWCHART



WAIVER

When restrictions in this policy interfere with its service mission, research, or educational, members of the NITMZ community may request a written waiver from the Registrar, National Institute of Technology, Mizoram.

DISCLAIMER

The above list is not exhaustive and may be modified as deemed necessary. Any changes to the policy will take effect after due announcement by way of emails and noticeboards. The NITMZ community is requested to please take note of any such information. Any violation of the above-mentioned policies will lead to subsequent disciplinary action, as decided by the competent authority of the institute.

Security is neither perfect nor permanent. This is even more true for Information and IT infrastructure where change is the only constant - systems change, requirements change, new bugs are discovered, new vulnerabilities are disclosed, new threats arise, old vulnerabilities take new forms - all this as the information and the equipment go through their lifecycles from creation and use to destruction, and from great value for the organization to none. In this Dynamic environment, this document attempts to bring some long-lasting order and balance. Owing to the very nature of its subject, this document, too, is neither perfect nor permanent. The document must necessarily be periodically updated for it to remain effective.