

Information Technology (IT) Policy (Brief)

NIELIT Calicut provides state-of-art networking, software development and computational services to-meet the dynamic needs of the centre and its groups through its IT & Networking Section.

Salient features of the IT Policy:

- Governance of computing and networking resources across campuses.
- Expert committee approved IT specification, purchases and installations according to standards and guidelines.
- Accessibility control & best practices on use of IT resources
- Monitoring of all computing and networking resources
- Adherence to policy in all levels procurement, implementation & use itself.
- Compliance to Govt guidelines & standards

Process of implementation and adherence to the policy:

The implementation and enforcement of compliance of the IT policies are entrusted with the IT group (Web Admn , Network Admn) of NIELIT Calicut. Detailed IT policy incorporating standards, best practices are being finalized by ITG and implemented in due course of time. Policy documents deals with the following, in addition to the standards & practices.

- Access control: regular, project, contract , students & suppliers are categorized, and privileges of access is provided based on the policy. Authentication to some of the services is through Active Directory.
- Data log and retention: All data pertaining to web servers, firewall and access logs are stored and retained as per policy guidelines.
- Confidential data access: Payroll, Marks and Employee & Student information maintained at server are access controlled as per policy guidelines.
- User accounts creation and maintenance: Categories like, Staff and Students is maintained with log , and their accounts are terminated on leaving the institute.
- Video surveillance : Server farms and critical IT infrastructure are under contiguous surveillance. The recordings are preserved as per requirement.

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- Wifi Access: Proctored access to internet and intranet applications.
- Control of access points usage and monitoring.
- Accessibility of Internet: Internet access through firewall is provided through LAN and Wifi to all computers in the campus
- Adherence: The policy is enforced through server, firewall and subnet restrictions.
- Data protection & redundancy through appropriate backup server.
- Implementation of CCMP (NIELIT) & adopt best practices of cyber security guidelines received from authorities.
- Upgrading & reviewing the infrastructure as per standards & requirement.
- Control & guidance on IT hardware procurement, licensing to all sections.
- Promote usage of open sources & implement government guidelines in this regard .
- Create awareness, training on cyber security to users.
- regular up-dation & audit of web portals , applications.

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