

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, TIRUPATI

Information Technology (IT) Policy:

Introduction (Need for IT Policy):


1. The Purpose of the policy is to present various IT resources and services with respect to their usage, maintenance and security in order to establish the consistency in campus practice and process.
2. Basically the AITS, Tirupati IT policy exists to maintain, secure, and ensure legal and appropriate use of Information technology infrastructure established by the college on the campus.
3. IT Policy is being documented for fair and transparent academic purpose for the use of various IT resources in the Campus for Students, faculty, Staff, Management and visiting Guests and Research Fellowship Members.
4. This policy establishes College-wide strategies and responsibilities for protecting the Confidentiality, Integrity, and availability of the information assets that are accessed, created, managed, and/or controlled by the college.
4. Information assets addressed by the policy include data, information systems, computers, network devices, Printers, Servers, WIFI details, Antivirus details , as well as documents and verbally communicated information

Vision:

- To provide state of the art of IT infrastructure and make all the institution content and services of IT enabled.
- To strictly adhere to the norms of the approval and affiliating bodies in maintaining IT infrastructure in the campus to realize the benefits of Outcome Based Education (OBE).

Mission:

- To upload the information technology infrastructure regularly and remain at the cutting edge of technology
- To confirm to legalized use of software system and applications.
- To provide fail safe and secure IT infrastructure that can provide a platform for all types all type of information, statics and dynamics



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Objectives:

1. To provide all required IT resources as per the academic programs laid down by AICTE. Also, introduce new IT technologies which will benefit the students and research staff.
2. To effectively have an annual plan of introducing new technologies in-line with the Academia.
3. Create provision for priority up-gradation of the products
4. Create provision for annual maintenance expenses to ensure maximum up time of the products.
5. Plan and invest for redundancy at all levels
6. To ensure that the products are updated and catered 24x7 in the campus or as per the policies laid down by the college management.
7. Leveraging information technology as a tool for the socio-economical development of the Institute.

Applicability:

1. Stake holders on campus or off campus
2. Students: UG, PG, Research
3. Employees (Permanent/ Temporary/ Contractual)
4. Faculty
5. Administrative Staff (Non-Technical / Technical)
6. Higher Authorities and Officers
7. Guests

Resources:

1. Network Devices wired/ wireless
2. Internet Access
3. Official Websites, web applications
4. Official Email services
5. Data Storage
6. Mobile/ Desktop / server computing facility
7. Documentation facility (Printers/Scanners)
8. Multimedia Contents


Composition and Role:

Head of the institute and all the Head of the Departments: for the fair assessment, advice the things to be added, to do the fair assessment and get approval from the governing bodies.

Prohibited Downloads:

The following downloads are specifically not allowed on computers unless approved in writing by CCF (College Computing Facility).

1. Any peer to peer file sharing application: Such applications may be used to utilize bandwidth inappropriately.
2. Further, these applications contain third-party applications – called adware or spyware, that collect information about a user's Web surfing habits, change system settings, or place unwanted advertising on the local computer.
3. Any third party personal antivirus or firewall: Since adequate security has already been provided for on all machines via pre-defined firewall rules, third party firewalls may interfere with these rules thus endangering the network.
4. Any Proxy servers, private fire wall, tunnelling software, connectivity sharing software
5. Hacking tools of any sort: The use of any such tools on college network is strictly prohibited.
6. Games & Movie trailers or previews
7. Any other copyrighted content/materials/software which are not appropriate to the user



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Hardware Infra structure:

1. Computers (950+ NO.'s)
2. Servers (3 NO.'s)
3. Data Centre
4. Projectors (50 NO.'s)
5. Printers (35 NO.'s)


Networking Infra structure:

1. LAN:1000 nodes
2. Wifi network : 25 access points
3. Active and passive components for networking
4. Core switch
5. Firewall security system
6. Internet applications

The Institution has campus network and Wi-Fi facility with around 1000 nodes. BSNL, HyFy Giga Fibre Private Ltd optic cables are available for faster and efficient connectivity. Old and outdated Computers are upgraded periodically. They are either replaced or enhanced with respect to configuration. Additional computing facilities are added based on the need arising out of requirements of students, research scholars and faculty.

Available Optical Cables:

1. Bandwidth details : 1000 Mbps HyFy Giga Fibre Private Ltd internet leased line and 40 Mbps BSNL Broad band connection
2. LAN facility details : 1000 nodes LAN with OFC backbone
3. Wifi details : Centralised Controlled with 25 access points



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