



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC)

(Accredited by NBA – ECE, EEE and MECH UG programs)

Dindigul – Palani Highway, Dindigul – 624 002

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

All the departments are well equipped with portable equipment like laptops, LCD projectors and WiFi. All the offices, Exam cell and library are provided with well-equipped internet connections through Wi-Fi.

Digital Library has been created in the Institution and accessed through Intranet and WiFi connectivity. The e-Learning resources contain NPTEL Videos, NPTEL Web courses and E-Books.

Well equipped English language lab with net facility is established for the benefit of students to develop fluency and accuracy of their communication skills. All the Computer laboratories consist of latest software relevant to their discipline.

Wifi connectivity is also provided in hostels for the learning assistance. All the hostels in the college are provided with Wi-Fi facilities for accessing both Internet and Intranet using their personal laptop. Several Wi-Fi units are installed in the hostels for better coverage and connectivity.

The institution is constantly upgrading both the software and hardware at par with the industry and academic standards. IT infrastructure is upgraded every year with major budget allocation. The Internet facility and Networking facility as of now available in the institute can facilitate video conferencing and video streaming.

Bandwidth of internet connection in the Institution

All the systems available in the institution are provided with Internet facility.

Number of computers with access to internet	Bandwidth of leased line connection	LAN configuration and speed
455 system - Overall	250 + 50 MBPS	100/1000 GIGA BYTE
College campus -outdoor wifi device - 4 ARUBA	250 + 50 MBPS	100/1000 GIGA BYTE

Dedicated computing facility:

24 hour dedicated server is available for faculty and students to store their data, access the information and to run their programs using programming languages.

LAN facility:

All the systems available in the college are connected in 100/1000 GIGA BYTE LAN and provided with Internet facility. The Internet with a dedicated speed of 250 + 50 Mbps (1:1) through optical fiber cables is available. The networking of all departments is made through Optical Fiber Cables (OFC) and networking of all computer systems among the departments are provided through CAT 5/6 Cables.

Wifi facility:

WiFi connectivity is provided throughout the campus. All the blocks in the college are provided with Wi-Fi facilities for accessing both Internet and Intranet using personal laptops. Several Wi-Fi units are installed in various places of campus for better coverage and connectivity. The Wi-Fi facility is extended to Guest house, Auditorium and Principal's office to provide internet access to guests and vendors.

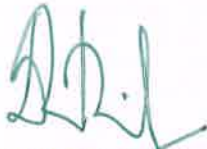
ILL LINE UPDATE

S.NO	ILL LINE	UPDATE
1	AIRTEL - 110MBPS	01.07.2018
2	AIRTEL - 120MBPS	04.04.2021
3	BSNL - 250MBPS	18.01.2023

WIFI

S.NO	WIFI DEVICE	COUNT
1	MIKROTIK (18.08.2016)	4




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