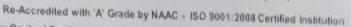


## SNMV College of Arts & Science Institute of Management

(Shri Nehru Maha Vidyalaya)



Estd. 1989 (Approved by Govt. of Tamilnadu, AICTE New Delhi, Affiliated to Bharathiar University, Colmbatore )



# 4.3.1 Institution frequently updates its IT facilities including Wi-Fi Response

#### IT Infrastructure:

The Institution has 8 modernized and sophisticated Computer Laboratories with high-tech laptops, desktop and NComputing (Green Environment systems) with LAN and Wi-Fi connectivity. There are 538 systems supported by UPS and Printers with centralized AC and 24/7 internet connectivity for various Computer Oriented Programmes. These systems are equipped with 4 HP servers (HP ProLiant ML110 G6, HP ProLiant ML350 G6 and HPE ProLiant ML150 Gen9), N-computing technology and Thin-Client technology for proper functioning of e-campus. Computers with internet connectivity are provided to all the departments for carrying out the department work.

The College also has 2 LCD Screens, 25 LCD Projectors, 5 Scanners and 12 Printers to facilitate teaching learning process. There are Computers with Internet Facility in Office, Library, Centre for Research, Front Office, Exam Cell, Store, Board Room and other key areas of the institution.

The primary goal of the computer labs is to provide assistance to students that will enhance their chances of succeeding in technology-based learning and to provide access to equipment that will support the needs of instruction to accomplish their assigned task. The computer labs support the curriculum of the college, to surf the course related content and to complete the assignments of the instructors.

The advent of office automation has ensured inter-departmental "LAN" connectivity. The computing facility is being continuously upgraded and modernized. The labs provide one-to-one access to students for a variety of peripherals.

At the end of every year, the management meets the faculty of each department to discuss the additional facilities to be provided during the next academic year and as per the requirements listed out by the faculty and in accordance with the needs that arise on account of introducing new subjects or starting new programmes, steps are taken to provide them before the commencement of the academic year. Similarly, in case any new software is required, order for procuring the same is placed immediately.



### Wi-Fi Device Details:

Specification	Count
AXIL Spot Dual Band AP1200 MBPS ASC120-2.4 GHz and 5 GHz Device (Main Block)	16
AXIL Spot Dual Band AP1200 MBPS AIP10L – 2.4 GHz and 5 GHz Device (MBA Block)	9

#### Wi-Fi Device Technical Specification: In Door Device :

- ✓ Dual-band 802.11ac 2x2 MIMO indoor access point
- ✓ Up to 300Mbps (2.4GHz) +867Mbps(5Ghz)
- ✓ 1xGigabit Ethernet port, compliant with IEEE 802.3at PoE
- ✓ Up to 32 SSID, full flexibility in network design
- ✓ Intelligent RF optimization through airtime fairness, band steering and optimal channel selection Work as a standalone AP, or centrally managed by controller

#### Out Door Device :

- ✓ Dual band 2x2:2 802.11ac outdoor access point
- √ Internal directional dual-polarized antennas
- √ 300 Meters LOS wireless cover range, up to 100 users
- ✓ 1 x Gigabit Ethernet port, 1 x SFP port
- √ 802.3at PoE supported
- ✓ IP67 rated, weather and dust sealed
- ✓ Work as a standalone AP, or centrally managed by controller The Wi-Fi installed on 09.03.2018

Couples of the couple

Principal