

Campus Wi-Fi – Set
Doc. No.: ST/12/WiFi/2016-17/36

Proposed Solutions:

1. Establishing the new LAN by laying CAT6 cable to all the buildings of NIN.
2. Establishing campus Wi-Fi facility to the entire campus of NIN.

Hardware requirements for establishing Wi-Fi in the NIN Campus

Sl. NO	Particulars	Access points
Main Building		
1	Dual-band 802.11abgn/ac Wireless Access Point, 2x2:2 streams, 802.3af PoE support Access points and accessories	25
Gopalan Block		
2	Dual-band 802.11abgn/ac Wireless Access Point, 2x2:2 streams, 802.3af PoE support Access points and accessories	15
Golden Jubilee Block		
3	Dual-band 802.11abgn/ac Wireless Access Point, 2x2:2 streams, 802.3af PoE support Access points and accessories	5
NCLAS		
4	Dual-band 802.11abgn/ac Wireless Access Point, 2x2:2 streams, 802.3af PoE support Access points and accessories	3
Student Hostel		
5	Dual-band 802.11abgn/ac Wireless Access Point, 2x2:2 streams, 802.3af PoE support Access points and accessories	6
International Hostel		
6	Dual-band 802.11abgn/ac Wireless Access Point, 2x2:2 streams, 802.3af PoE support Access points and accessories	2
SEM Building		
7	Dual-band 802.11abgn/ac Wireless Access Point, 2x2:2 streams, 802.3af PoE support Access points and accessories	3
Guest House		
8	dual-band 802.11abgn/ac Wireless Access Point, 2x2:2 streams, 802.3af PoE support Access points and accessories	1
Outdoor Point to Point Link		
9	Director as Controller for support upto 100 Aps	1
10	8 Port POE Switches	5
11	CAT 6 UTP Cable Box of 305 Mtrs	6
12	Aerial FOC cable with accessories	500 mts
13	Fiber optic accessories	1 lot
14	Server	1