



No: 72-07/09-BB

Dt: 05-09-2011

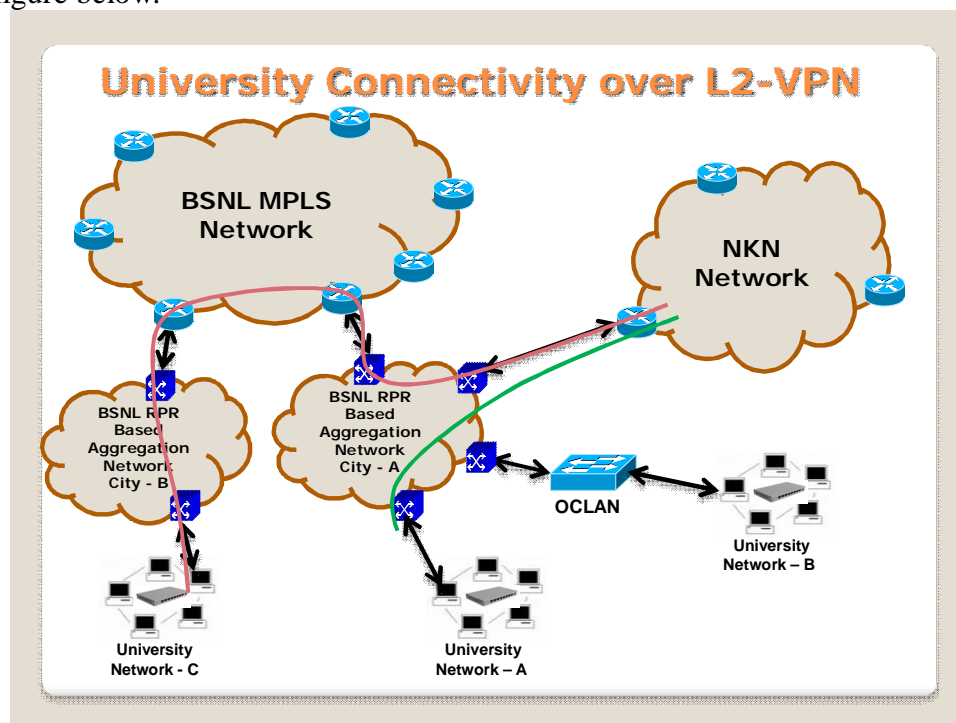
To

CGM Telecom,  
All telecom Circles and Metro Districts  
Projects/Maintenance Circles

Sub: Connectivity of Universities under NME-ICT Project over L2 VPN to NKN POP reg.  
Ref: Ltr No. 72-07/09-BB dt 01/08/2011 on the above subject.

Kindly refer to the above subject and the letter under reference.

1. BSNL has already provided connectivity to more than 360 universities falling under the NME-ICT Project through L3 VPN by connecting to the BSNL IP Network through GE interface.
2. As per the requirement of the NME-ICT Project, all the universities are to be terminated on the NKN POP through the BSNL IP network using L2-NPN.
3. For achieving this connectivity, there is no change to be done in the physical connectivity at the university side. Only configuration of the Routers at the university end will change i.e. the University end routers are to be configured with the NKN IP addresses to be given by the local NIC team. The Physical connectivity, logical connectivity / Traffic flow is given in the figure below.



4. In the university side, same connectivity will be converted to L2-VPN through Port configuration by NOC Bangalore and no separate physical connectivity is required to be extended.
5. 2 Nos of GE connectivity is to be extended from the nearest RPR switch to the NKN POP for the traffic of all the universities in the Circle. This can be done through DWDM system, GE port of SDH system or through dark fiber depending upon the availability in the location. Further, the number of GE Ports can be increased based on the traffic.
6. Circle shall identify one nodal officer in the level of DE/AGM who shall preferably be the node in charge of the SSA where the NKN POP is to be connected. The nodal officer shall interface with NOC Bangalore, DNW Representative in NIC New Delhi, University and local NIC officials. Once a University is migrated, it shall not be reverted back and in emergent situation, reverting back shall be done only with an e-mail confirmation from the University and NIC.
7. The Nodal officer shall give the list of universities as well as their contact details to NIC for their co-ordination for the university side Router configuration etc.
8. The L2-VPN connectivity shall be first started with AP, HP, Bihar and Gujarat circles followed by the rest of the circles.
9. Please see the figure above where in university A & B falls in the same city as that of the NKN POP. These universities may be migrated in the first phase followed by the University-C in City-B which has to come through the IP-MPLS Network.
10. It is requested that the complete migration shall be completed within 30/09/2011.

You are requested to take suitable necessary action on the above.



R. Saji Kumar  
Addl. GM (NWP-BB)

Copy To:

1. Director General (NIC), National Informatics Center, A-Block, CGO Complex, New Delhi
2. Sr GM(NWP-BB) for information.
3. CGM BNW New Delhi / GM(NOC) BNW with a request to post one officer to NIC for 2 months.
4. CGM STP Chennai / GM (STP) Hyderabad for Kind information