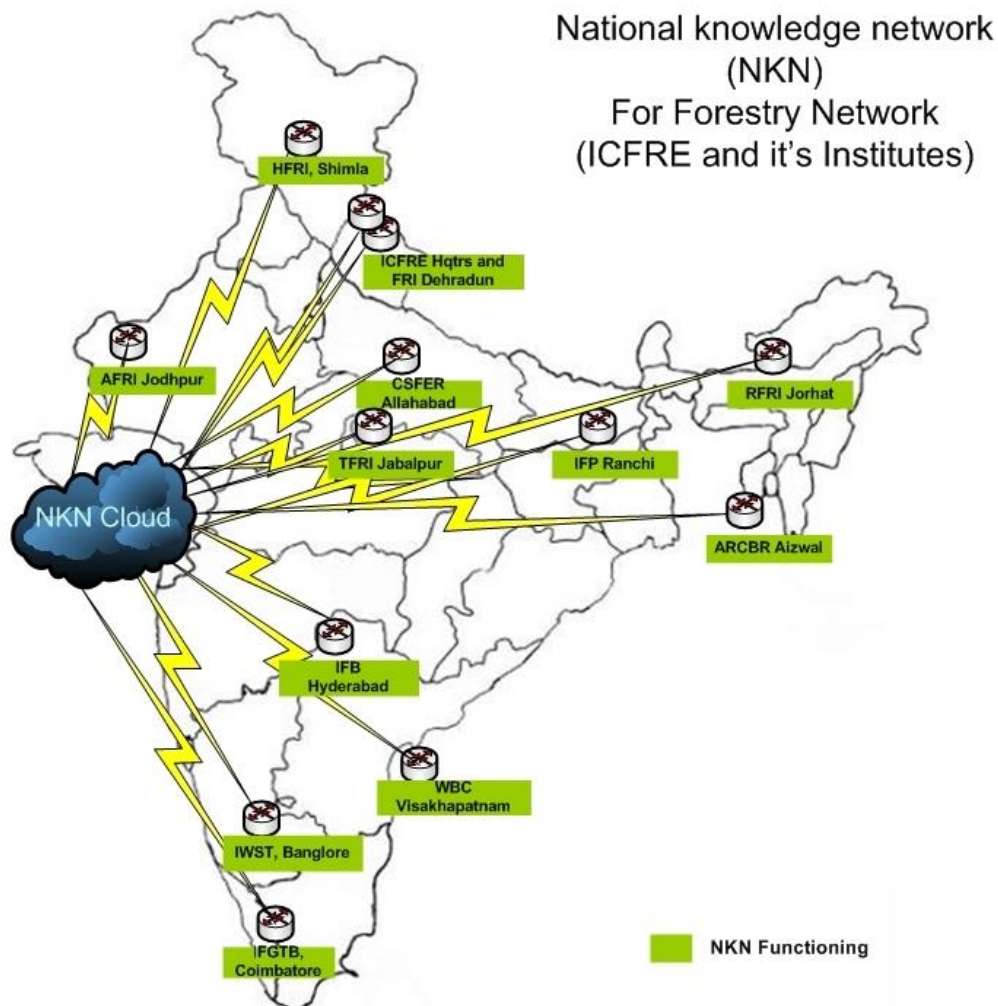# National Knowledge Network (NKN): ICFRE and its Institutes

The connectivity provisioned under this arrangement form the basis of knowledge sharing between the national & international research institutions. The ICFRE envisages to consolidate the NKN connectivity at all its regional locations viz.; IWST, Bangalore, IFGTB, Coimbatore, RFRI, Jorhat, AFRI, Jodhpur, TFRI, Jabalpur, IFP, Ranchi, HFRI, Shimla, CSFER, Allahabad, FRC, Hyderabad, WBC, Visakhapatnam and ARCBR, Aizwal for utilizing it as a substitute to MPLS-VPN arrangement at with very high availability of bandwidth..

Efforts made by the ICFRE management have resulted in ICFRE Institutes and Centres being included in the NKN Programme and the ground work for establishing connectivity through the implementing agency (NICSI) was initiated through PGCIL or RailTel in the month of July 2011. A communication for permitting the third party agency PGCIL and RailTel to carry out the installation work and nomination of Nodal Officers at Institutes / Centres was issued by this office on 26.07.2011.With the series of coordinated efforts at ICFRE the NKN connectivity has been energized at ICFRE and its institutes/centres. NKN is functioning at twelve locations of ICFRE and its institutes from July 2013. MPLS VPN was discontinued from September 2013 and all services are running on NKN and it is a cost saving of more than Rs. 50 lakhs per year to ICFRE.