



INFL/UGC-INF/2010

March 16, 2010

Dear Sir/Madam,

We are pleased to inform you that the Internet connectivity to your university is being enhanced w.e.f. April 1, 2010 to 10 Mbps (1:1) with switching over of Internet Service Provider from ERNET to BSNL. We will take this opportunity to draw your kind attention to the followings and seek your proactive support and cooperation in the process of switching over to the new ISP as well as access to e-resources through the new ISP, i.e. BSNL:

1. The BSNL staff would shortly be contacting you for providing them space and necessary infrastructure for installing their network equipment. Since 10 Mbps Internet connectivity could be effectively provided only on OFC, which, in turn, would require digging the ground within your campus for laying the optic fibre cables. You are requested to kindly extend your full co-operation to the BSNL in the process of setting-up the Internet connectivity at your esteemed university;
2. All the universities in India would also be getting connectivity through NKN/NME-ICT programme. As such, a decision was taken in the meeting of the CCMC held on 25.02.2010 that the UGC-Infonet Connectivity will be withdrawn from universities that got connected through the NKN/NME-ICT. Kindly inform us as soon as your university get connectivity through NKN/NME-ICT and help us to check duplication of payments, etc;
3. We would, however, like to ensure that there is no interruption in access to e-resources provided through the UGC-Infonet Digital Library Consortium in this process. As such, we will request you to kindly communicate your static IP addresses assigned to you under the NKN/NME-ICT Programme. We will communicate these IPs to the publishers so that you have un-interrupted access to e-resources provided to you through UGC-Infonet Digital Library Consortium. BSNL would also be assigning 32 static IP addresses in the name of your esteemed university. However, you would be required to fill-in the enclosed proforma for further necessary action by the BSNL. The proforma is available at <http://www.inflibnet.ac.in/infonet/form3.pdf>. Kindly fill-in the proforma and hand it over to the BSNL representative as soon as possible. The new sets of IPs assigned to you by the BSNL may also be communicated to us so that access to e-resources can be configured on new IPs.
4. Since the BSNL has been asked to set-up their link before 01.04.2010, we have requested ERNET India to disconnect their services to your university on 31.03.2010. However, they will retain the connectivity if there is any delay in establishing services by BSNL. You may use these equipment such as switches, UPS and routers purchased by the university as deemed fit by the university authorities..
5. In case you are buying additional bandwidth through BSNL or any other provider, you would be required to take a decision whether to retain it or discontinue. The INFLIBNET will pay only for 10 (1:1) Mbps connectivity to BSNL under the UGC-Infonet Connectivity Programme.
6. You may contact your local BSNL exchange or Shri Manoj Kumar from INFLIBNET Centre (manoj@inflibnet.ac.in)

Thanking you,

Sincerely yours,



(D.G. Kanhere)

Chairman, CCMC



(Jagdish Arora)
Director, INFLIBNET

To

All the Vice-Chancellors UGC Infonet Connected Universities.

cc All the UGC Infonet contact persons

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Form to be filled up by the Universities for UGC Infonet Connectivity provided by BSNL (IP address Request form)

(Information provided by the customer in this form would be kept confidential)

1. Name of the University:-
2. Customer Network Name :- **UGC Infonet, INFLIBNET**
3. Brief Description of the University(See Note 2):-
4. If an ISP then category may be specified ("A" , "B" or "C"):- **No.**
5. Brief Description of the Network (See Note 3):- **Library Centre**
if Not Library, Specify details:
Address of location for connectivity:
6. Bandwidth of the leased line :- **10 Mbps (1:1)**
7. Details of Network Topology (Specifying the router model number, number of serial and asynchronous ports of the router and other networking devices the customer plans to place on the network and their interconnectivity)(Please attach a network diagram also showing the connectivity):-
8. Details of Hardware and software (Hardware and software platform):-
(Firewall details etc)
9. Please provide an accurate number of host addresses required immediately (i.e. within one month) Be sure to include all devices that will need global Internet Connectivity including the internal infrastructure such as routers , terminal, servers , printers etc.
32 IPs

	MAKE	MODEL	TYPE & No Of PORTS
ROUTER			
RAS			
SWITCH/HUB			
SERVER			

10. Please provide an accurate estimate of the additional number of host addresses required in the coming six months:- **32 IPs only**
11. Please provide an accurate estimate of the additional numbers of host addresses planned after one year:- **Nil**
12. Please provide an accurate estimate of the additional numbers of host addresses planned after two years:- **Nil**
13. Please provide an accurate estimate of the additional numbers of host addresses planned after two years:- **Nil**
14. Estimated number of subnets planned initially:-
15. Estimated number of subnets planned after one year:-
16. Estimated number of subnets planned after two years:-
17. Network Administrator and contact details :-
18. Additional Comments (See Note 4) :-

19. Technical Contact – UGC Infonet (Computer Science)

#[PERSON TEMPLATE V:4.0]#

person:

e-mail:

address:

address:

address:

address:

phone:

fax-no:

country:

#[TEMPLATES END]#

Administrative Contact – UGC Infonet (Library Science)

#[PERSON TEMPLATE V:4.0]#

person:

e-mail:

address:

address:

address:

address:

phone:

fax-no:

country:

#[TEMPLATES END]#

(Signature of the UGC Infonet Incharge/
Librarian)

Instructions and Note:

1. **(For Item No. 2)** Please provide a short but meaningfully descriptive name that you intend to use for your network. It should be written as a SINGLE word of less than 25 capital alphanumeric characters ONLY. It is requested that you use a network name that relates to the organization the network is being assigned to. Please do NOT use domain names, such as FOO.COM, as the network name has no relation with the domain name system.
2. **(For Item No. 3)** Please complete with a short description of the organization, including the location providing sufficient detail as to describe the organization uniquely, i.e., "descr: Computer Center" is not sufficient. Do NOT put advertising information in the description and please limit the number of description lines to 5.
3. **(For Item No. 4)** Please give a brief description of the network like the purpose and the possible uses.
4. **(For Item No. 16)** This section is for the customer to provide whatever other details he feels may help justify the request. In particular, documenting the network topology via diagrams or providing detailed explanations why the address space usage and subnetting plans are the way they are. **This is all the more essential in cases where the requirement of IP addresses is large**

Special Conditions:-

1. **Customer has to run the primary and secondary Domain Name server in his network**
2. **Customer equipment must support all-os-subnet , all-1s-subnets , supernets and subnets.**
3. **Customer should note that the IP addresses are provided on lease and must be returned back to BSNL if he moves on to another provider.**

Glossary:-

ALL-0S-SUBNETS:The customer network must support all zeros subnets.If the customer network does not support all 0s subnets an explanation must be provided in the "Additional Comments" section at the end of the application.

ALL-1S-SUBNETS: The customer network must support all ones subnets.If the customer network does not support all 1s subnets an explanation must be provided in the "Additional Comments" section at the end of the application.

SUPERNETS: The customer network must support supernetting , that is all multiple contiguous networks can be aggregated into a single routing announcement.If the customer network does not support supernetting an explanation must be provided in the "Additional Comments" section at the end of the application.

SUBNETS: The customer network must support subnetting , that is parts of a single routing prefix can be separately routed. If the customer network does not support subnetting an explanation must be provided in the "Additional Comments" section at the end of the application.

PERSON TEMPLATE for filling Admin and Technical Contacts

The following templates are required to be filled in by the leased line customer. The information is required for two persons one would be the technical contact (tech-c) and the other would be the administrative contact (admin-c).

Same person can not be there for both admin-c and tech -c . Full name of the person should be given ,that is initials are not acceptable.

Other details are given below the template

The content of the attributes of the person object are defined below:

person

The full name of an administrative, technical or zone contact person specified in another object.

Do not use titles such as "Dr.", "Prof.", "Mv.", "Ms.", "Mr.", etc.

'Personal Name' 'Family Name' where each name is composed of alphabetic characters.

address

Full postal address of a person.

Free Text.

country

Name of the country of the admin-c/tech-c.

phone

Telephone number

+ 'Country Code' 'Area Code' 'Phone Number'

+ 'Country Code' 'Area Code' 'Phone Number' ext. 'number'

Optional: spaces may be used to split up the phone number into its constituent components. "." characters can also be used between to separate the digits.

fax-no

The fax number of a person or role

+ 'Country Code' 'Area Code' 'Fax Number'

e-mail

The e-mail address of a person or role.

RFC-822 address.

Sample Network Diagram of a University (Please edit to suit your University)

