

Configuration of ARGT- 1000 Modem for BB VDSL port

Step 1] Connect the Modem to Computer and Broadband VDSL Line.

Open Router page by <http://192.168.1.1>

Username is : **admin**

Password is : **admin**

You will get screen as-

The screenshot shows the xDSL Router web interface. The browser title is 'xDSL Router - Windows Internet Explorer' and the address bar shows 'http://192.168.1.1/'. The page has a navigation menu on the left with options: Summary, WAN, Statistics, Route, ARP, DHCP, Advanced Setup, Diagnostics, and Management. The main content area is titled 'Device Info' and contains two tables. The first table lists system information, and the second table shows WAN connection details. A 'LOGOUT' button is visible in the top right corner.

Device Info	
Board ID:	96368V11
Software Version:	B042_V47_GI-AP-00-74
Release Date:	04/25, 2011 13:53
Bootloader (CFE) Version:	1.0.37-106.17
DSL PHY and Driver Version:	A2pv6C030h.d23a

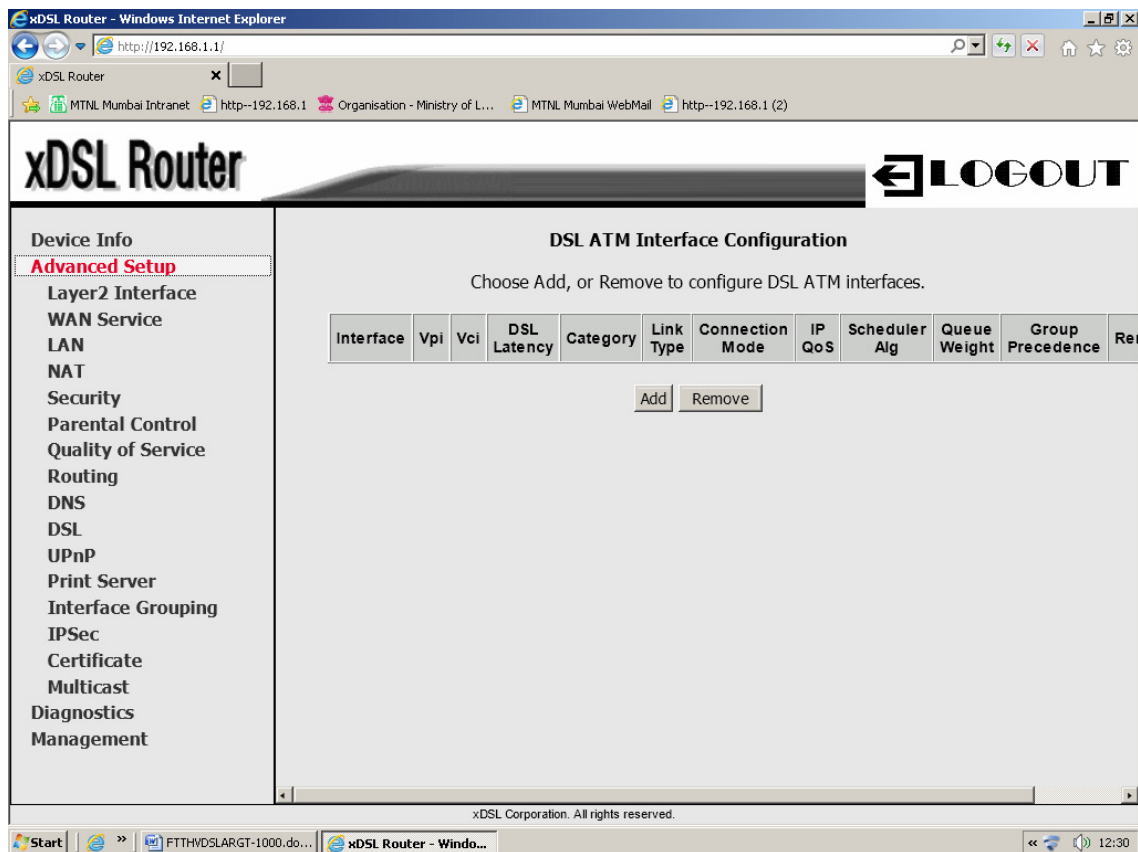
This information reflects the current status of your WAN connection.

Line Rate - Upstream (Kbps):	0
Line Rate - Downstream (Kbps):	0
LAN IPv4 Address:	192.168.1.1
MAC Address:	00-1f-e6-3e-fb-85
Default Gateway:	
Primary DNS Server:	0.0.0.0
Secondary DNS Server:	0.0.0.0
Date/Time:	Thu Jan 1 00:04:37 1970

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Step 2] Click on Advanced Setup

You will get screen as-



Step no. 3]

Click on Layer 2 Interface

You will get screen as-



Step no. 4]

Click on PTM Interface

You will get screen as -

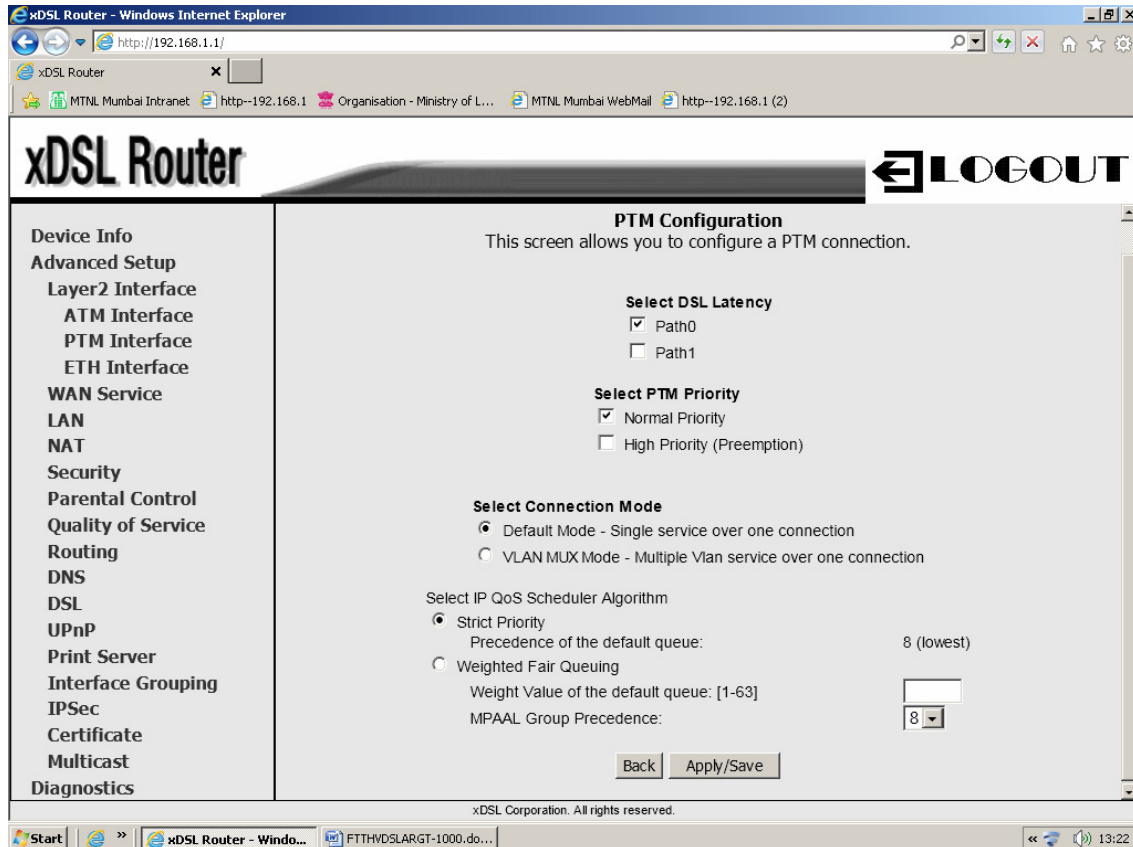
The screenshot shows a web browser window titled "xDSL Router - Windows Internet Explorer" with the address bar showing "http://192.168.1.1/". The page content includes a navigation menu on the left with "PTM Interface" highlighted in red. The main content area is titled "DSL PTM Interface Configuration" and contains the instruction "Choose Add, or Remove to configure DSL PTM interfaces." Below this is a table with the following columns: Interface, DSL Latency, PTM Priority, Connection Mode, IP QoS, Scheduler Alg, Queue Weight, Group Precedence, and Remove. Underneath the table are "Add" and "Remove" buttons. The footer of the page reads "xDSL Corporation. All rights reserved." The Windows taskbar at the bottom shows the Start button, several open windows, and the system clock at 13:22.

Interface	DSL Latency	PTM Priority	Connection Mode	IP QoS	Scheduler Alg	Queue Weight	Group Precedence	Remove
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Step No. 5]

Click on Add button

You will get screen as-



Click on VLAN MUX Mode under 'Select Connection Mode'

Click on Apply/Save

After apply / save button

You will get screen as

The screenshot shows the xDSL Router configuration interface in a Windows Internet Explorer browser. The browser address bar shows <http://192.168.1.1/>. The page title is "xDSL Router" and there is a "LOGOUT" button in the top right corner. On the left side, there is a navigation menu with the following items: Device Info, Advanced Setup, Layer2 Interface, ATM Interface, PTM Interface, ETH Interface, WAN Service, LAN, NAT, Security, Parental Control, Quality of Service, Routing, DNS, DSL, UPnP, Print Server, Interface Grouping, IPSec, Certificate, Multicast, and Diagnostics. The main content area is titled "DSL PTM Interface Configuration" and contains the instruction "Choose Add, or Remove to configure DSL PTM interfaces." Below this instruction is a table with the following columns: Interface, DSL Latency, PTM Priority, Connection Mode, IP QoS, Scheduler Alg, Queue Weight, Group Precedence, and Remove. The table contains one row for the interface "ptm0" with the following values: DSL Latency: Path0, PTM Priority: Normal, Connection Mode: VlanMuxMode, IP QoS: Enabled, Scheduler Alg: SP, Queue Weight: (empty), Group Precedence: (empty), and Remove: . Below the table are two buttons: "Add" and "Remove". At the bottom of the page, there is a footer that reads "xDSL Corporation. All rights reserved." The Windows taskbar at the bottom shows the Start button, several open windows including "xDSL Router - Windo..." and "FTTHVDSLARGT-1000.do...", and the system tray showing the time as 13:23.

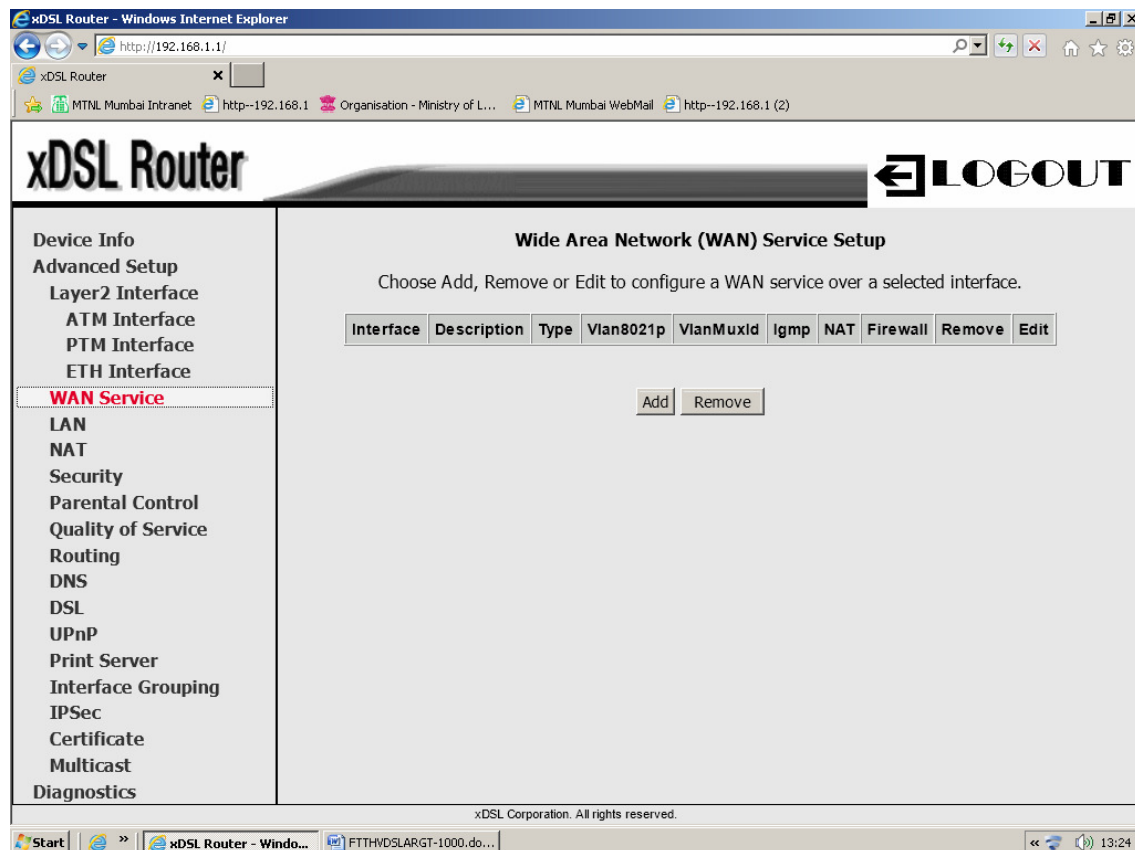
Interface	DSL Latency	PTM Priority	Connection Mode	IP QoS	Scheduler Alg	Queue Weight	Group Precedence	Remove
ptm0	Path0	Normal	VlanMuxMode	Enabled	SP			<input type="checkbox"/>

It means PTM Interface for VDSL is created.

Step no. 6]

Click on WAN Services

You will get screen as



Click on Add button

Step no. 7]

Click on Next button

xDSL Router **LOGOUT**

Device Info
Advanced Setup
 Layer2 Interface
 ATM Interface
 PTM Interface
 ETH Interface
 WAN Service
 LAN
 NAT
 Security
 Parental Control
 Quality of Service
 Routing
 DNS
 DSL
 UPnP
 Print Server
 Interface Grouping
 IPSec
 Certificate
 Multicast
 Diagnostics

WAN Service Interface Configuration

Select a layer 2 interface for this service

Note: For ATM interface, the descriptor string is (portId_vpi_vci)
For PTM interface, the descriptor string is (portId_high_low)
Where portId=0 --> DSL Latency PATH0
portId=1 --> DSL Latency PATH1
portId=4 --> DSL Latency PATH0&1
low =0 --> Low PTM Priority not set
low =1 --> Low PTM Priority set
high =0 --> High PTM Priority not set
high =1 --> High PTM Priority set

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Windows taskbar: Start | xDSL Router - Windo... | FTTHVDSLARGT-1000.do... | 13:24

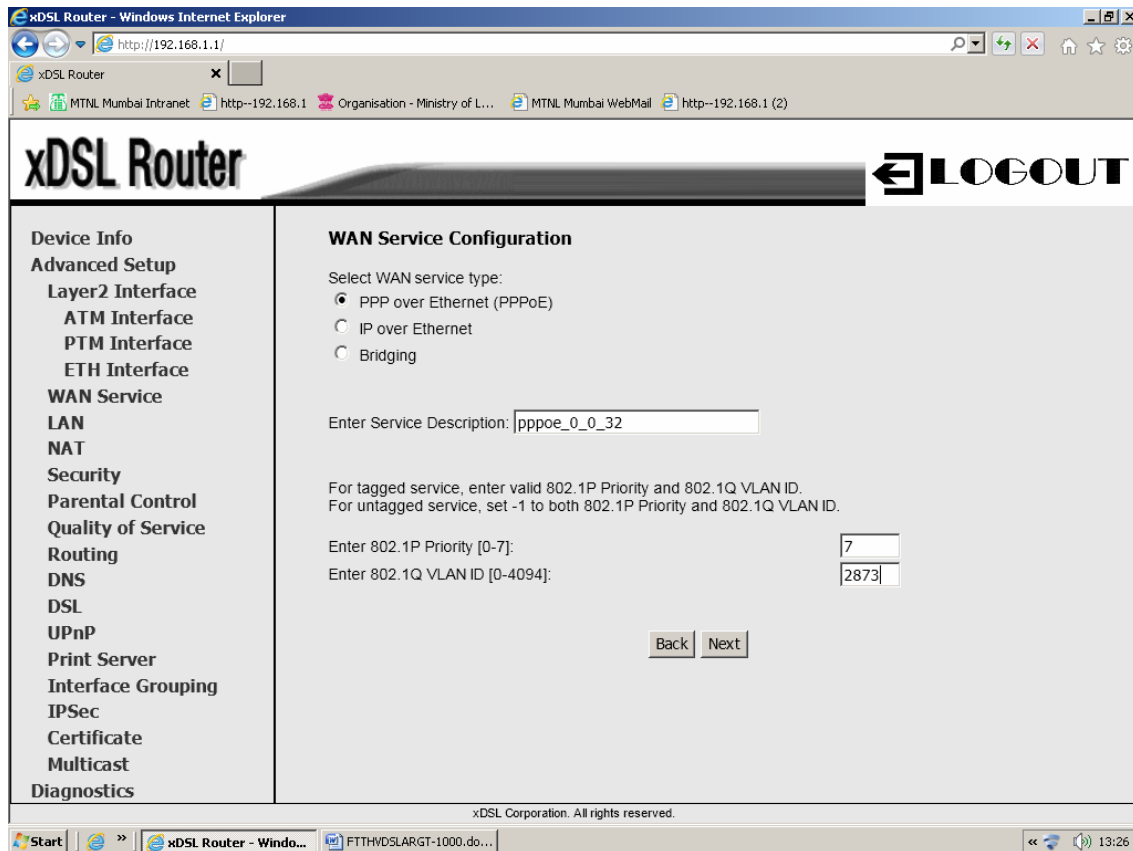
Step no. 8]

Change Enter Service Description as **pppoe_0_0_32**

Change Enter 802 1P Priority [0- 7] as **7**

Change Enter 802 1Q VLAN [0-4094] as BB Vdsl Port Vlan ID e.g. **2873**

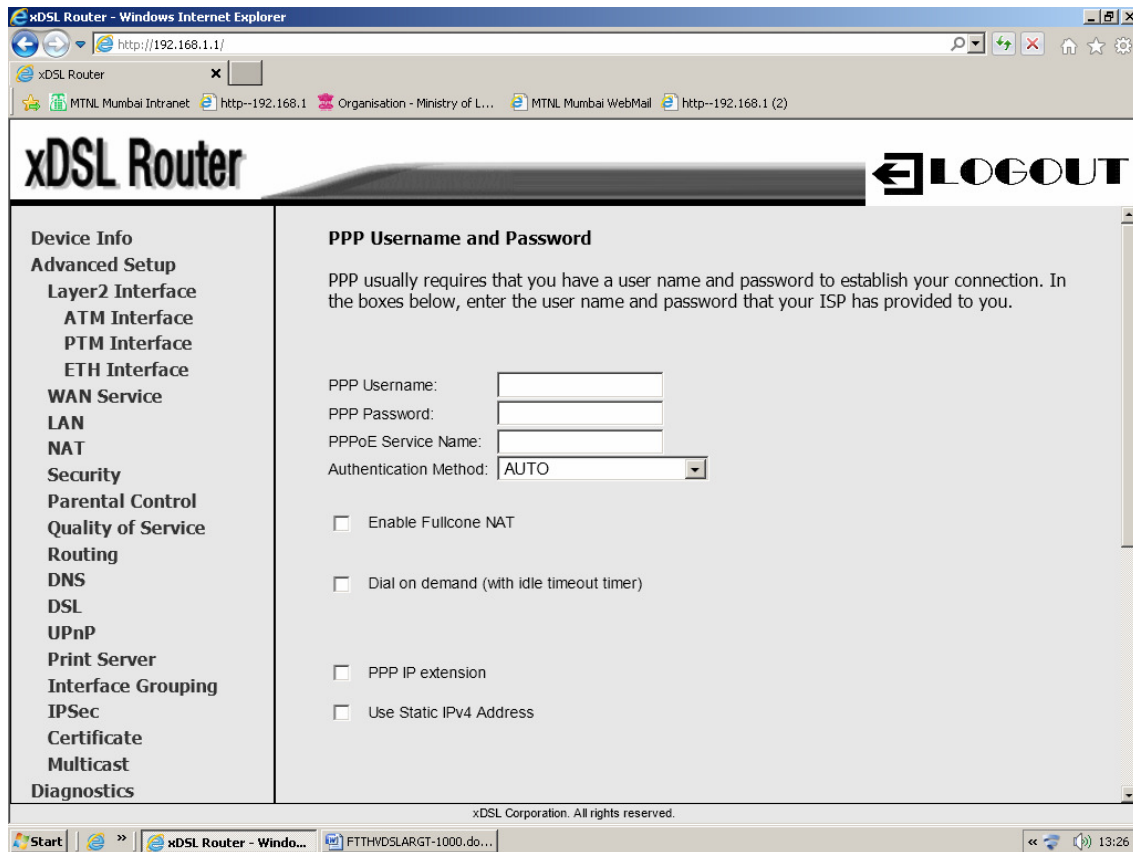
Please Note:- Confirm, BB Vdsl Port VLAN ID no. from MDF incharge.



Click on Next button

Step no. 9]

You will get screen as

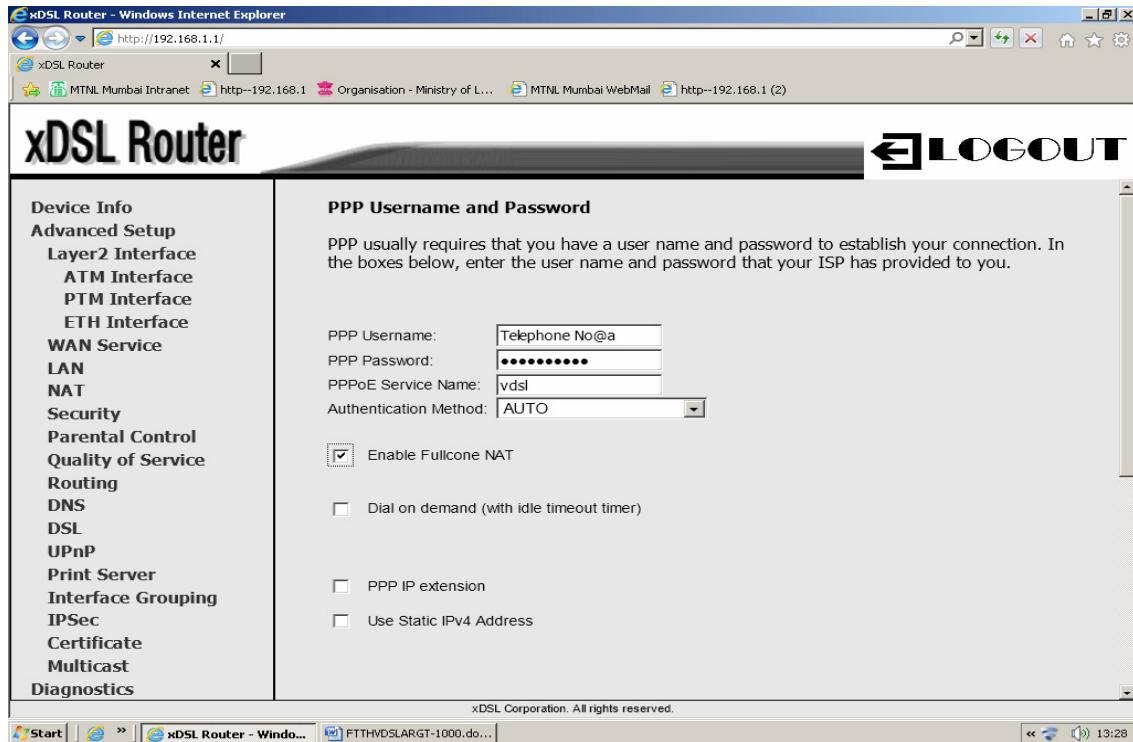


Enter username as **Telephone no. @a**

Password as **Customer CA no.**

Click on **box Enable Fullcome NAT**

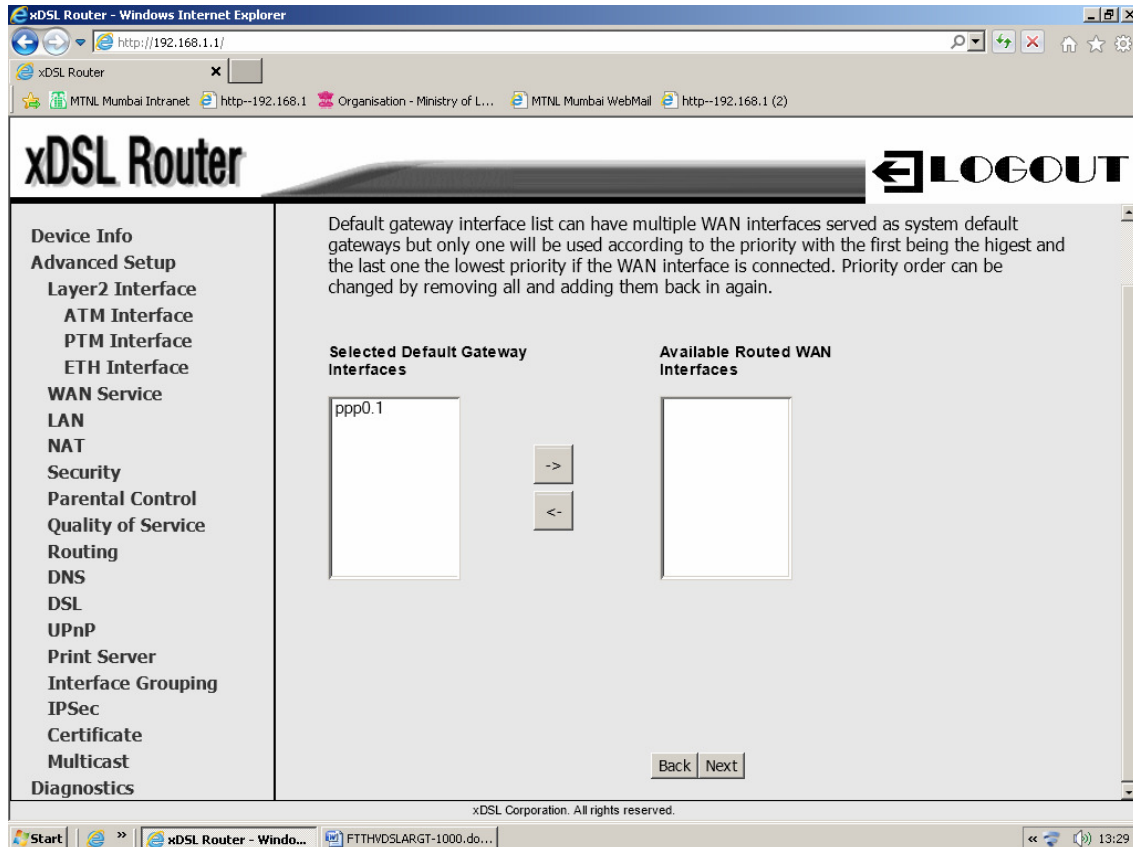
You will get screen as below



Click on Next button

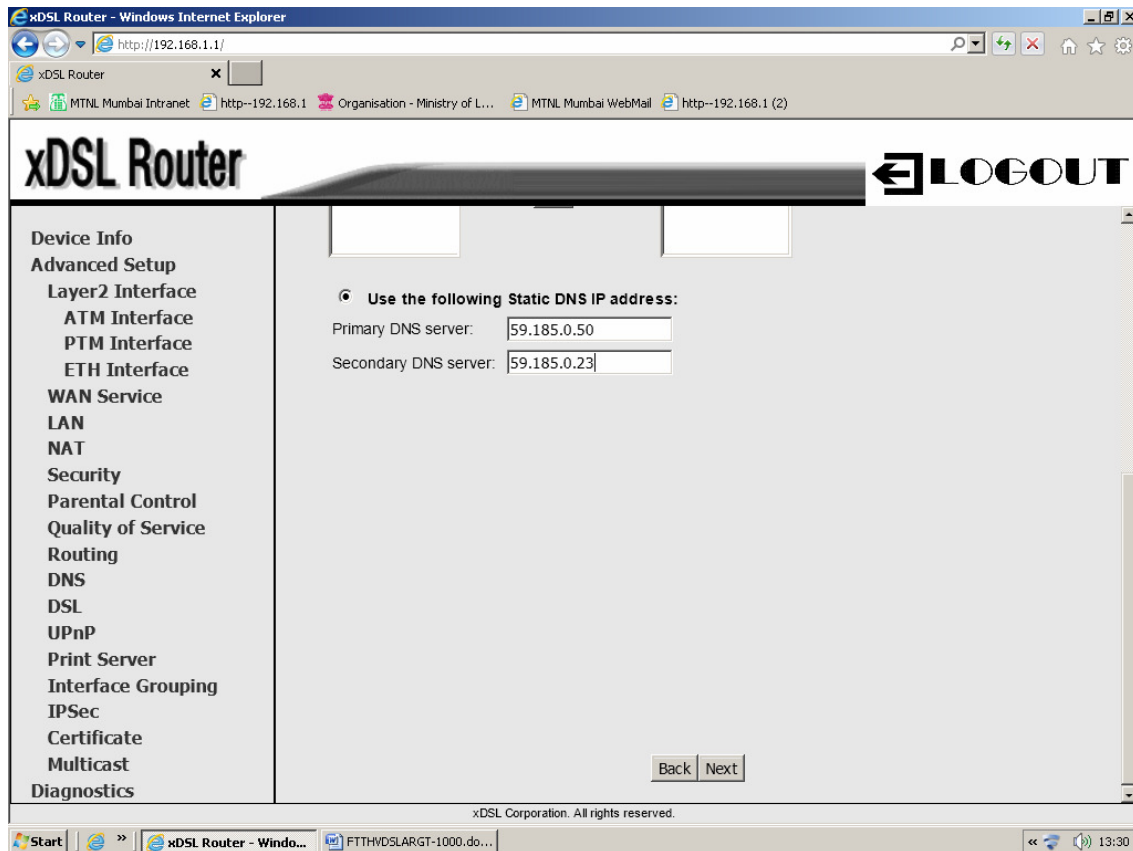
Step no. 10]

You will get screen as below



Click on Next button

You will get screen as below

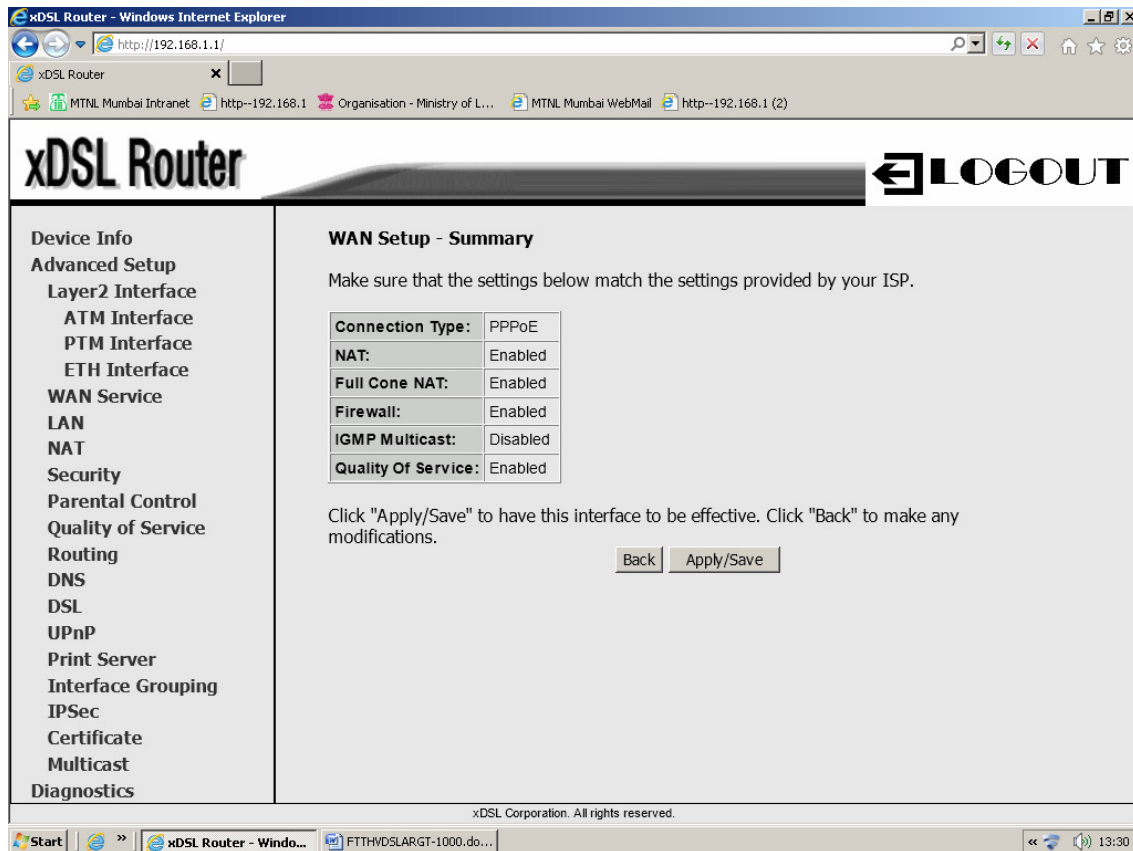


Select button of Use the following Static DNS IP Address:

And feed the primary and Secondary DNS as above.

Click on Next button

You will get screen as below



Click on Apply/Save button

Step no. 11] For Reboot the Modem.

Click on **Management**

Click on **Reboot**

Click on **Reboot**

Now Modem is rebooting wait for 2 Minutes.

Internet lamp will glow.

xDSL Router - Windows Internet Explorer

http://192.168.1.1/

xDSL Router

MTNL Mumbai Intranet http--192.168.1 Organisation - Ministry of L... MTNL Mumbai WebMail http--192.168.1 (2)

xDSL Router

LOGOUT

Wide Area Network (WAN) Service Setup

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	VlanMuxId	Igmp	NAT	Firewall	Remove	Edit
ppp0.1	pppoe_0_0_32.2873	PPPoE	7	2873	Disabled	Enabled	Enabled	<input type="checkbox"/>	Edit

Add Remove

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Start xDSL Router - Windo... FTTHVDSLARGT-1000.do... 13:31

- Device Info
- Advanced Setup
- Layer2 Interface
 - ATM Interface
 - PTM Interface
 - ETH Interface
- WAN Service
 - LAN
 - NAT
 - Security
 - Parental Control
 - Quality of Service
 - Routing
 - DNS
 - DSL
 - UPnP
 - Print Server
 - Interface Grouping
 - IPSec
 - Certificate
 - Multicast
- Diagnostics