Please read full and don't judge only by overview.

I support "Net Neutrality" and "Internet for All" **both**.

Two main points:

Point No. 1:   "Either Free or Net Neutral" But "No Price Discrimination"

Companies must be allowed to provide ONLY two options:

1. **Totally Free content** through separate browser application
2. **100 % pure Net neutral internet** (as being offered today)

    No discrimination in pricing can be accepted, as slowly this can grow later in friendly and enemy websites / content.

    (The ISP can block intra-country VoIP application, to save their profit. But can't charge differently for them) (See Point No. 2 for other option)
    (Means VoIP through phone network data should be blocked but VoIP through broadband data plans should be allowed.)
    (Also they should be allowed to throttle speed to accommodate all users, for predictable usage & for economic pricing plans.)

Explanation:

Totally Free content through separate browser application

1. India can exploit, operators & e-commerce companies' interest, towards providing essential internet to many people.

Suggestions:

1. Network operators / Third parties in ties with operators can be allowed to launch a separate "Browser Application" Named as "XYZ Free Internet."
    (There may be more than one players ready for this, allow them also)

2. That browser can only browse 20 websites.
   10 – They can choose. (Obviously they will choose e-commerce sites as they will get paid for it.) And
   10 – Suggested by TRAI. (E.g. Wikipedia, One Email id., Google, Google catche, etc)
3. **Basically, They have to allow TRAI suggested websites in Free, and what they will get in return is: The right to offer some websites free.**
   They can also show localized ads upon opening that browser.
   Also they can pre-compress the data just like OPERA does.
4. **<u>Separate browser (with only 20 websites) is compulsory</u>** as it will create psychological difference in customers' minds. Only the people wanting to purchase goods or to see some information in FREE will open that. Also, "Free Internet" word can be made compulsory in naming browser.

Point No. 2:   <u>What to do for VoIP calls?</u>

<u>Solution: Allow network operators to delay the VoIP response (Not block but Delay)</u> <u>So that "Real Time" conversation over VoIP can be avoided and thus regular network <u>will have upper hand in calls.</u>

<u>Description:</u>

1. Suppose within five years, all network operators provide high speed internet. Everybody in urban area will have this high speed internet. But rural areas don't have so.
2. Now, one person wants to call to other, will use VoIP instead of regular network.
   (This will be prominent in Urban Areas)
   So, the numbers of calls using regular network will drop drastically (Because urban areas use VoIP more).
   And therefore, to compensate revenue loss, the companies will have to increase tariff of regular network calls.
   <u>Loser: Rural citizen. For calls</u>
3. Also, companies will increase data tariff to compensate revenue loss.
   <u>Loser: People who use internet for information, education & business purposes. For data.</u>
4. **<u>Is blocking VoIP Possible at all?</u>**
   i.   Operators can block VoIP applications. ---- OK.

Then VoIP will get available on browsers.

ii. Operators can block VoIP offering websites from browser.------OK Then people will use proxies to bypass this block.

Operators will once again come to TRAI for blocking all these. iii. Daily thousands of proxies appear & disappear.

iii. Ultimately, this will become the game similar to "School's Computer Lab". Blocking, cracking, Filtering etc…

iv. **It will** **not** **be beneficial for open internet access, if the traffic will start getting filtered. vi. By mistake, operators may end up in blocking some website which may be useful for someone.**

Suggestions:

1. Blocking of VoIP will be difficult and may erupt resistance from public.
2. Messaging applications must be kept completely out of this case.
   Because today, messaging has become prominent in small business chains. People are sending their quotations, sample photos on messaging apps.
   It is just working as a handy mail for the people.
   So looking at its economical advantage and also they are very secondary resource for companies who never could offer good messaging. So, messaging apps should be kept free.
3. **They can be allowed to DELAY websites response (for 5 seconds to max 15 seconds) for those websites, to which operator suspect they are directly or indirectly allowing VoIP.**
4. Even though VoIP in browser may be difficult to be stopped (Given no filtering), operators should be allowed to delay suspected VoIP supporting WebPages max by 15 seconds. So that they don't come to TRAI with this complaint again & again. Market will decide the fate of who delays how much.

Thank you,

T B Barot