- What is the problem with <u>https</u>?

Sender   IITBh Router   Receiver

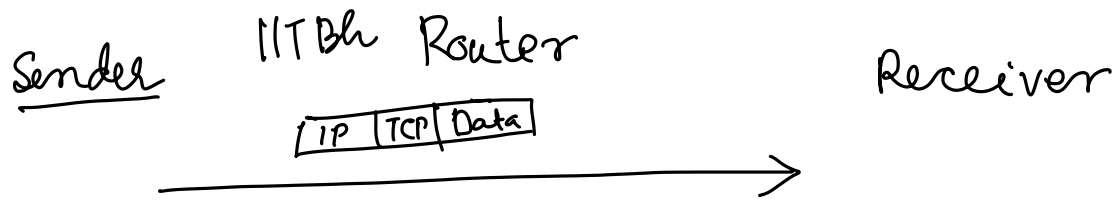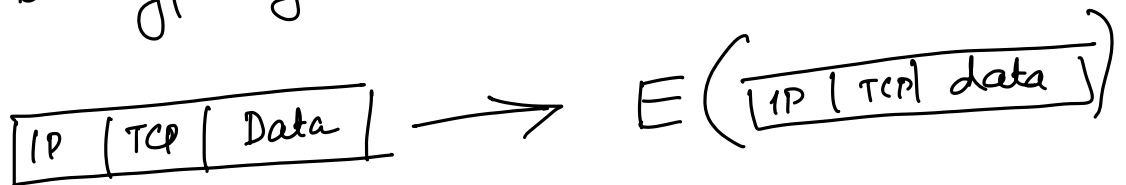| IP | TCP | Data |

→

o The router knows the destination address.

- How can I send a data packet to a destination without the intermediate IITBhilai router knowing about it?

- Alternatively, a server running in LDC of IITBhilai rejects all IP packets coming from an IP address outside of IIT Bhilai network. How can a faculty member upload grade on the server from outside?

- Does encrypting the entire IP packet work?

| IP | TCP | Data | → $E\left(\boxed{IP \mid TCP \mid data} \right)$

<u>No</u>.

- The ~~What~~ what can we do?