**Three router topologies with switches – configuration, IP routes and pinging**

Aim: - Configuring IP address to Routers in Packet Tracer. Explore the following

messages: Ping Responses, Destination unreachable, Request timed out.

Observation: -

* After we setup the topology and configure the pcs and only the middle router we can see that the links are still down.
* We configure interfaces of Router0 and Router2 and then add a default route as follows: -

ip route 0.0.0.0 0.0.0.0 next hop address

* Now we can see that links are up and ping messages work fine.

Outcome: -

* Learnt how to connect and configure multiple routers and switches across multiple networks.
* Learnt how to configure default static IP route to routers.
* Experienced the errors that might occur during configuration and corrected them.