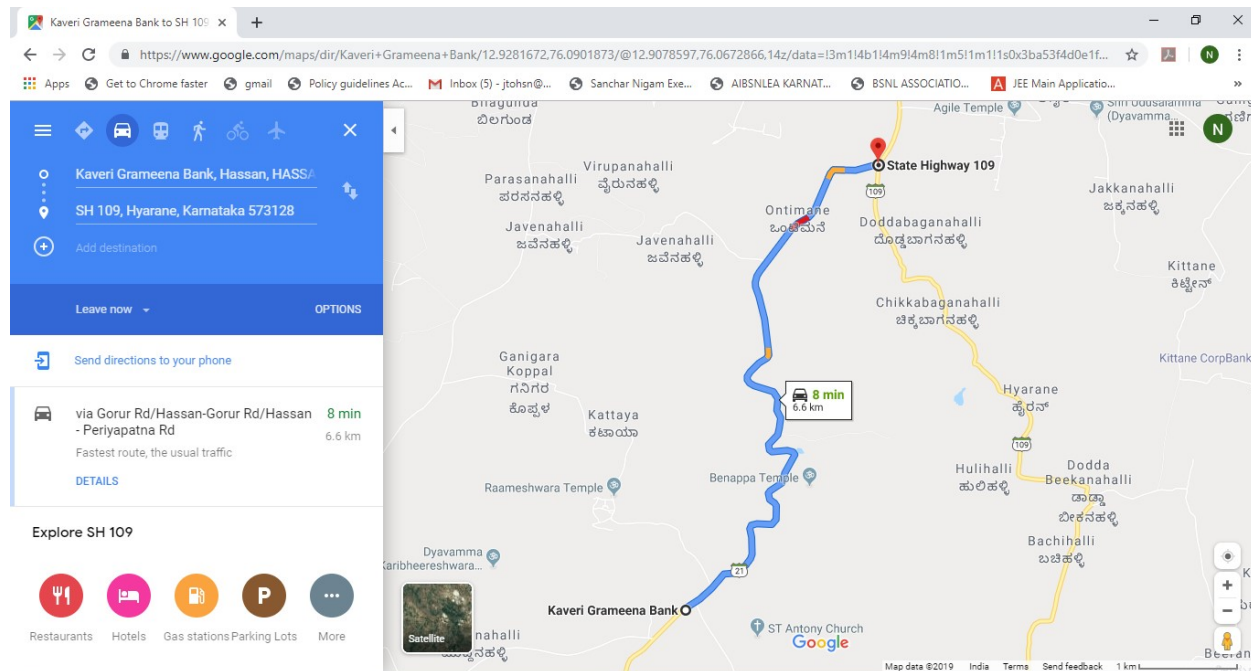


ACTUAL PROPOSED ROUTE COVERING FOREST –

Distance – 6.6km

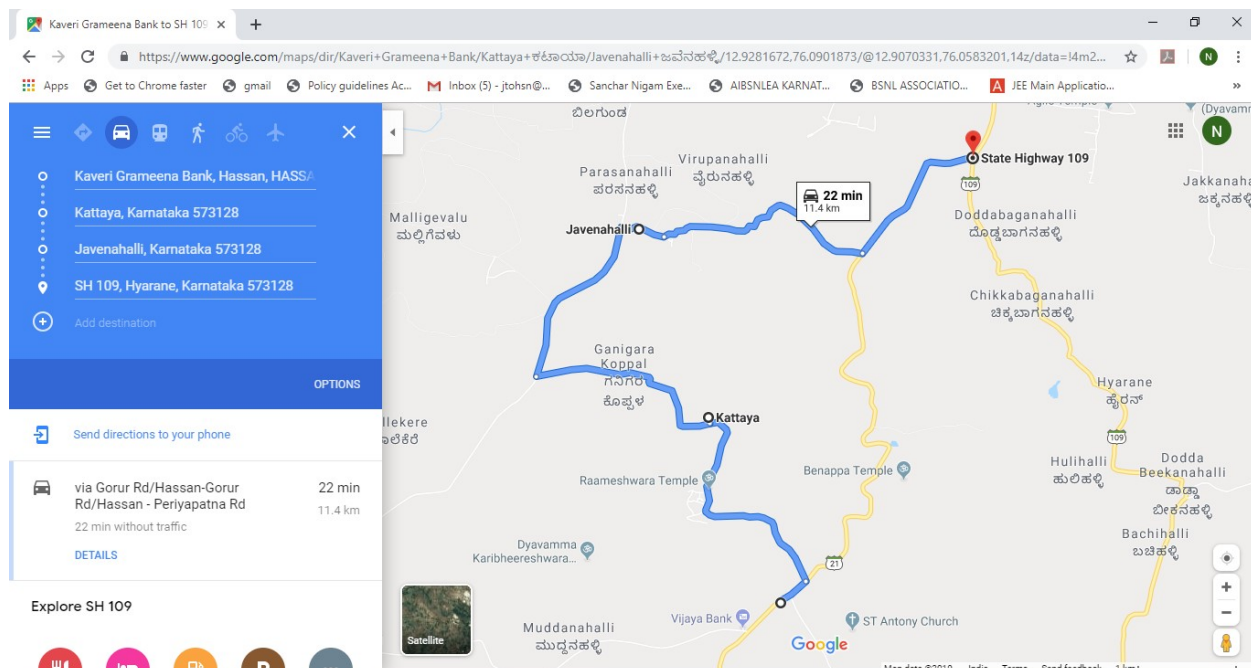
Reason to choose – Lower loss in cable due to lesser length covered also economically viable as shortest route. Larger length stretch covers large number of joints also increases transmission loss hence this route is most suitable as it is shortest distance (6.6km).



ALTERNATE ROUTE 1 WITHOUT COVERING FOREST –

Distance – 11.4km

Reason not to choose - Larger length stretch covers large number of joints also increases transmission loss hence this route is not suitable as it is covers 11.4km distance (Around 73% more than shortest route), and this route is also economically non viable.



ALTERNATE ROUTE 2 WITHOUT COVERING FOREST –

Distance – 13.2km

Reason not to choose - Larger length stretch covers large number of joints also increases transmission loss hence this route is not suitable as it covers 13.2km distance (Around 100% more than shortest route), and this route is also economically non viable.

