

You can self register on MOSDAC and request the data using the data ordering feature in geotiff or hdf format.

Please take VISIBLE channel data from INSAT-3DR which is available at 30 minute interval.

You can then host the data on local Geoserver to create WMS services.

Once the WMS service is in place, you can use AI based frame interpolation techniques to generate Video.

This video can then be overlaid on interactive map using OpenLayers.