



VIVEKANANDHA COLLEGE OF TECHNOLOGY FOR WOMEN

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MAPPING OF HISTORICAL AND CULTURAL PLACES IN TAMILNADU

INTRODUCTION: The purpose of mapping historical cultural places in India is to show various unknown historical places for the people especially for tourism.

SOURCES USED: India shape file and photos are taken from some of the websites of Google.

STUDY AREA DESCRIPTION: India is situated between 21.7679°N Latitude and 78.8718°E Longitude. India consists of 28 states, 8 union territories, 766 districts, 6612 blocks with population of 1.4 billion in 3,287,263 sq.km. India is famous for its historical and cultural monuments. There are approximately 1000 or more FORTS, more than 900 HOLY PLACES, over 80 PALACES, more than 10 historical BRIDGES, approximately 2,702 CAVES, more than 17 MONASTERIES and nearly 1000 MUSEUMS are there in India that are being the proof of our historical and cultural monuments. In this mapping we have taken few examples from each field.

PROCEDURE:

STEP 1: At first collect the data from open-source area from websites.

STEP 2: Create a excel sheet with the data like name, latitude, longitude for the chosen historical cultural places.

STEP 3: Convert the excel sheet into csv file, so that we can automatically plot places in the map when we insert it into the field using layers.

STEP 4: Drag the shapefile of India by adding it in the vector layer and drag the csv files by adding it in the delimited text layer of the QGIS layers.

STEP 5: After inserting the required data, change the properties of data according to their needs.

STEP 6: In menu bar, click on the option "WEB", then there is a option "QUICK MAP SERVICES". Click on that option, in that choose "OSM", then choose "OSM standard". This layout shows the simple dynamic world map.

STEP 7: Now, for every single place, open properties, then select symbology where we can insert icons. Now select raster marker type of symbology and then insert the photos related to the chosen places and save the project.

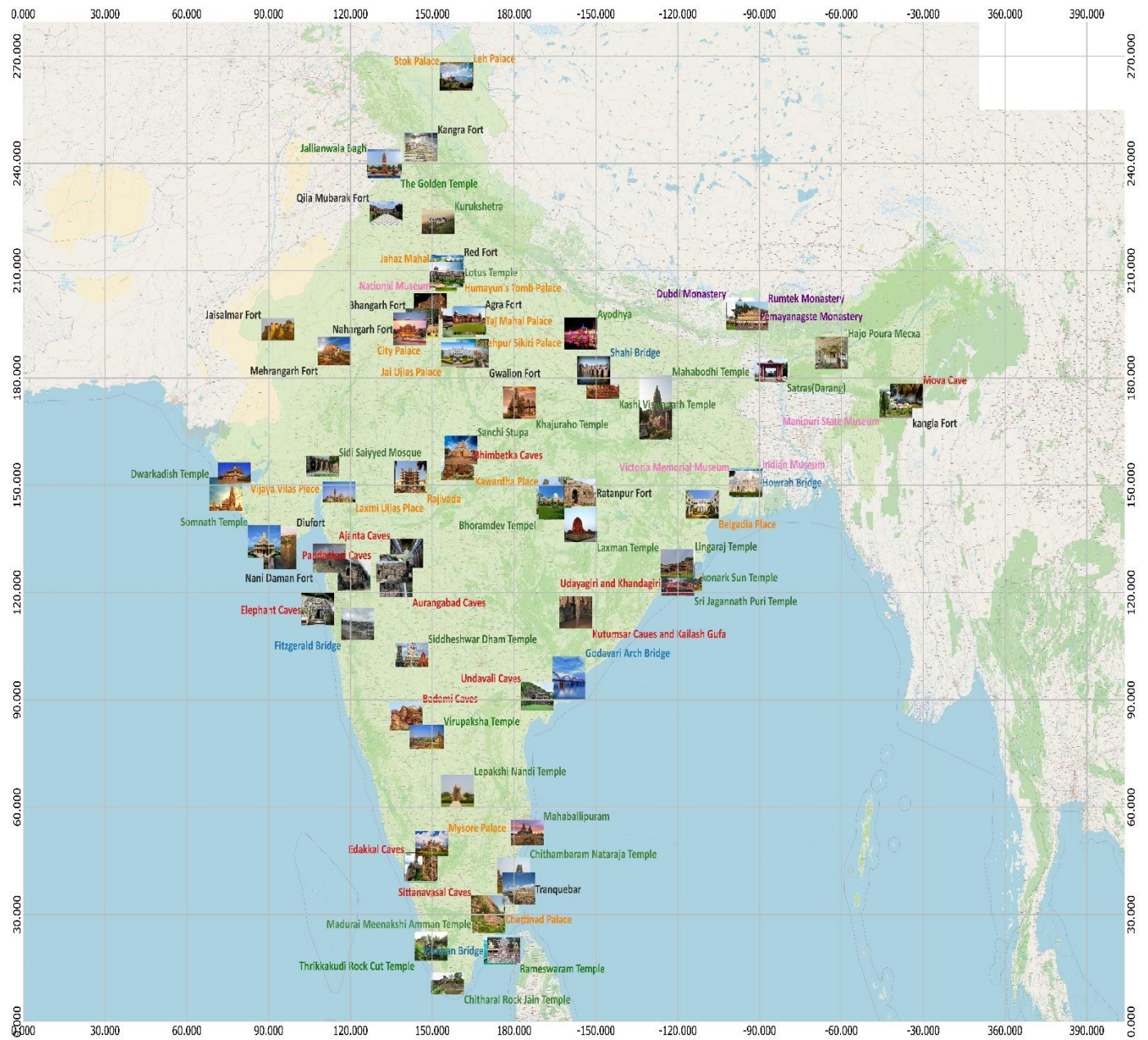
STEP 8: In menu bar, click on PROJECT option, then click on NEW PRINT LAYOUT. A new screen will be displayed as a separate layout field.

STEP 9: By using ADD ITEM option, we can add those saved theme. By using PROPERTIES, change the layout of that page and add TITLE, SCALEBAR, DIRECTION, GRIDS, LEGENDS, LATITUDE and LONGITUDE on it.

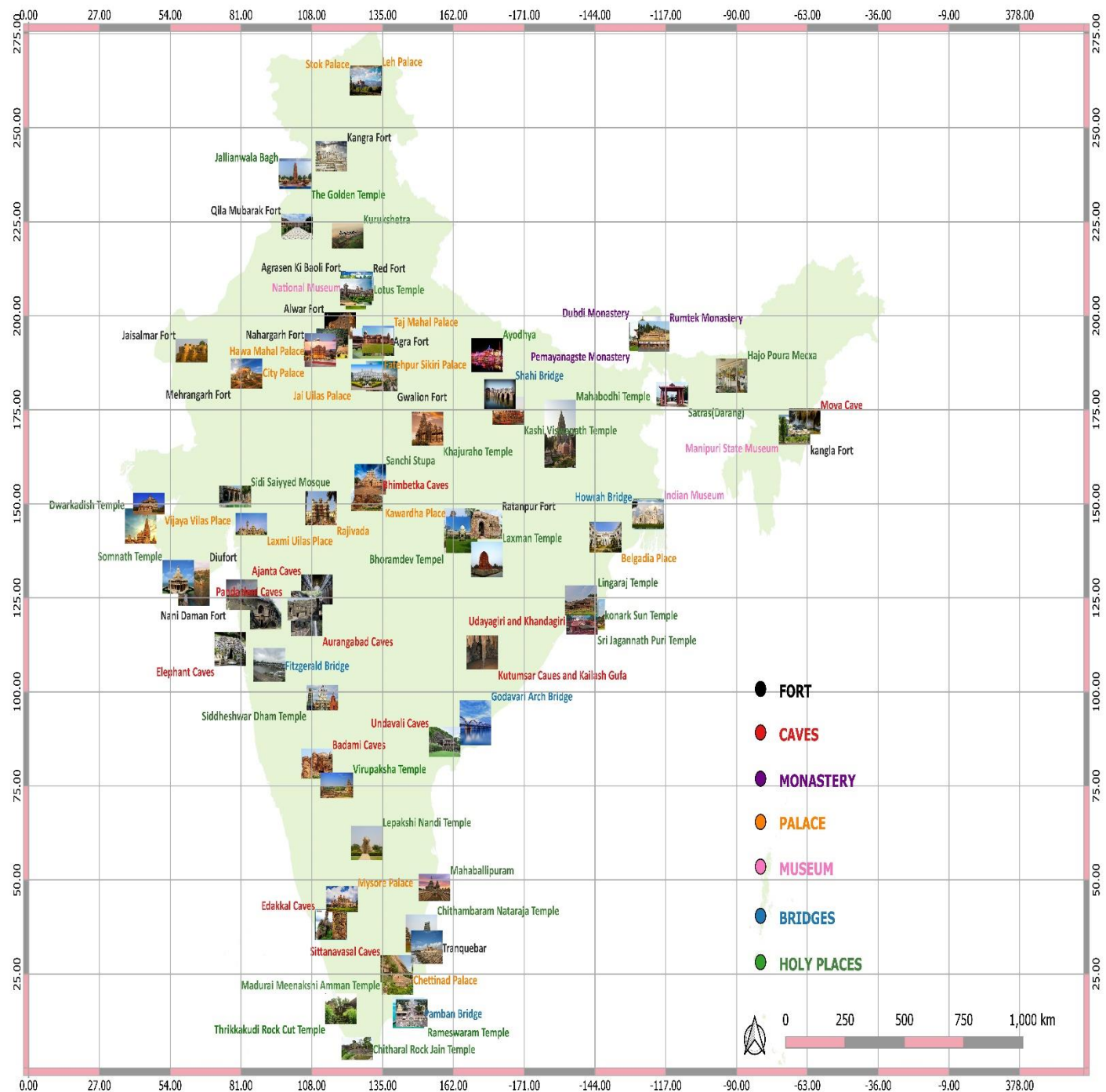
STEP 10: Display the map places into NORTH INDIA, EAST INDIA, WEST INDIA, SOUTH INDIA and CENTRAL INDIA as separate layouts.

STEP 11: Finally save those pages as images.

MAPPING OF HISTORICAL CULTURAL PLACES IN INDIA IN OSM STANDARD MAP

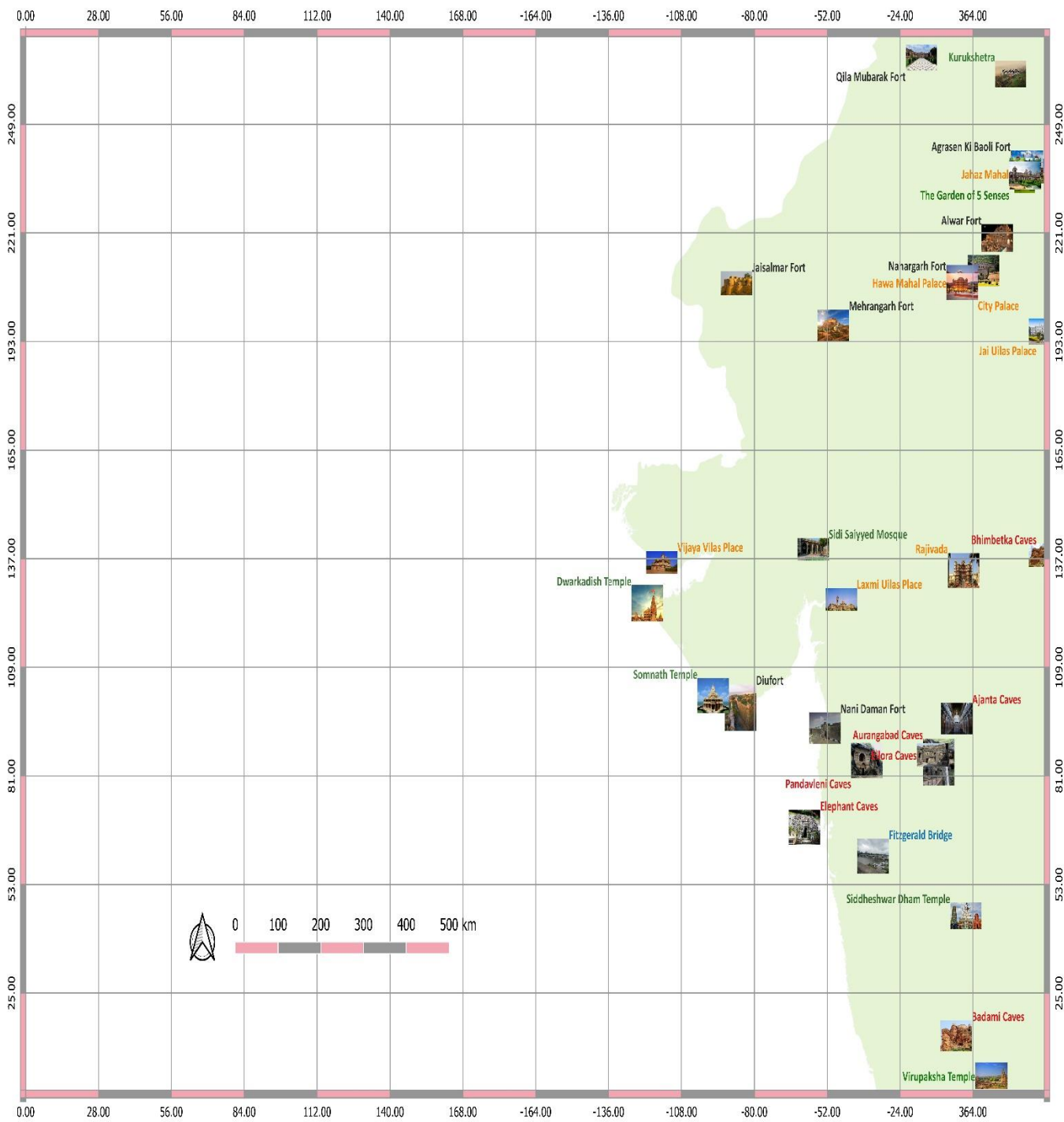


MAPPING OF PLACES IN NORMAL SHAPEFILE BY INSERTING CSV DATA FILES

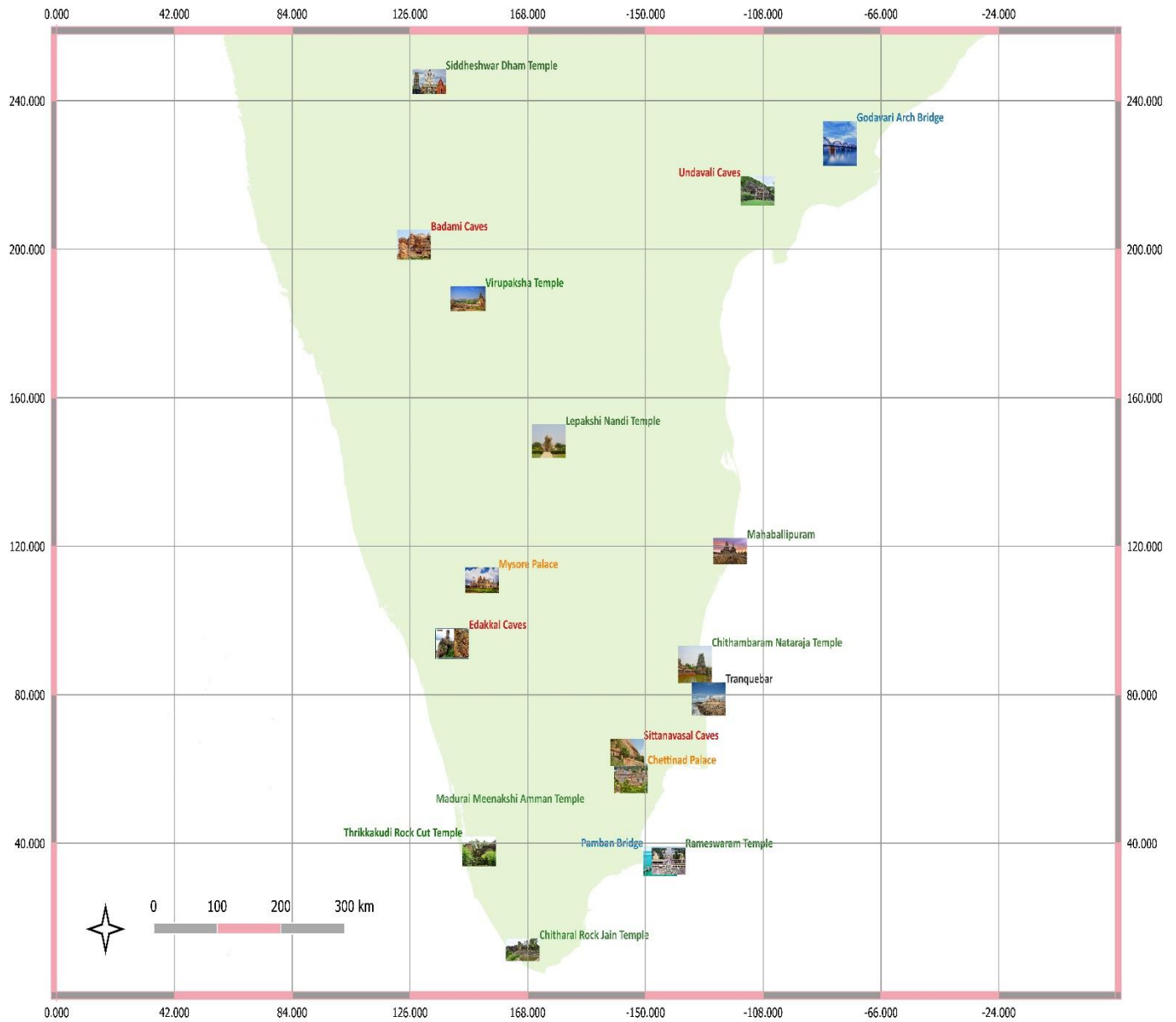


MAPPING ON 5 DIVISIONS OF INDIA

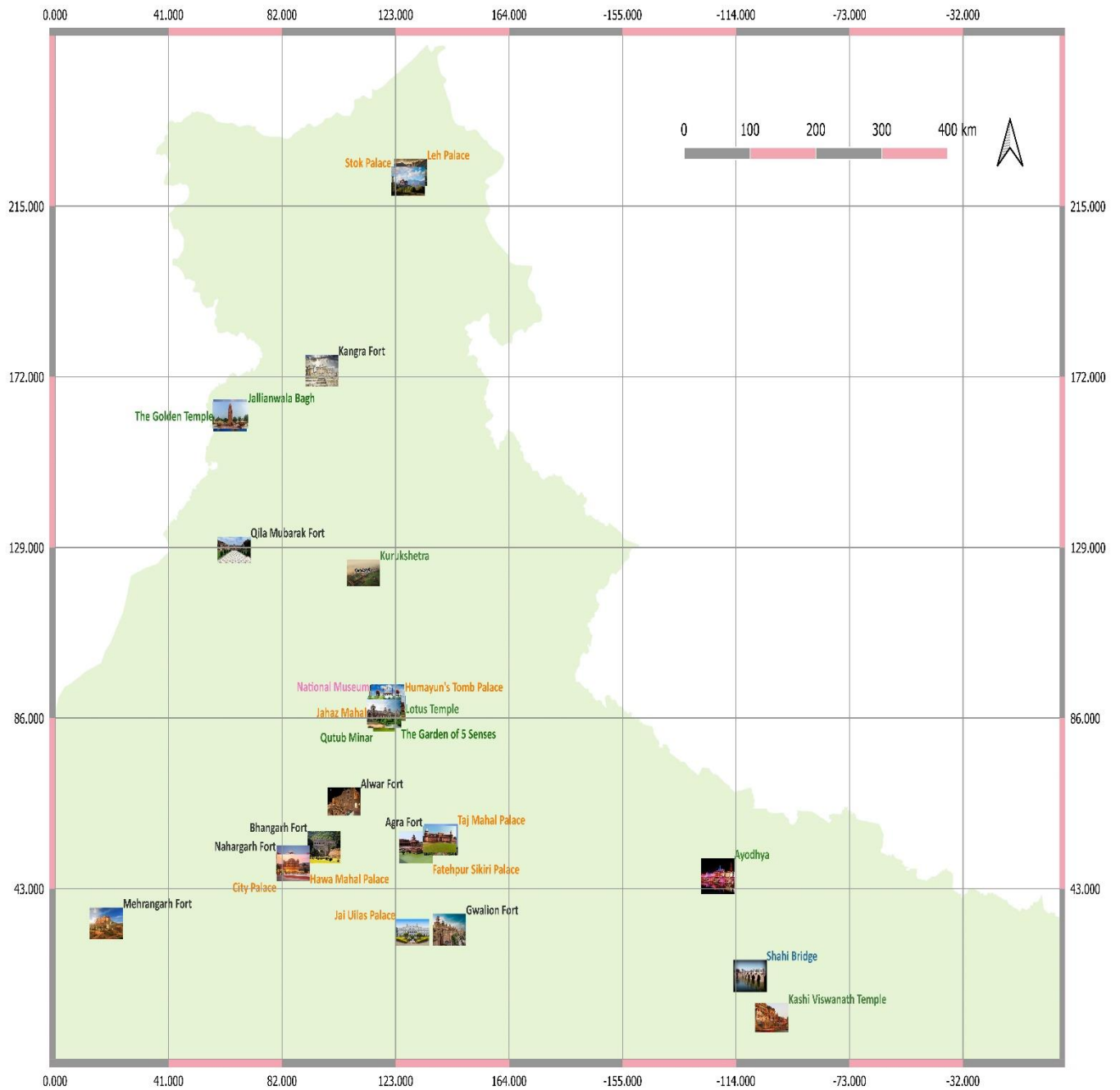
1. WEST INDIA



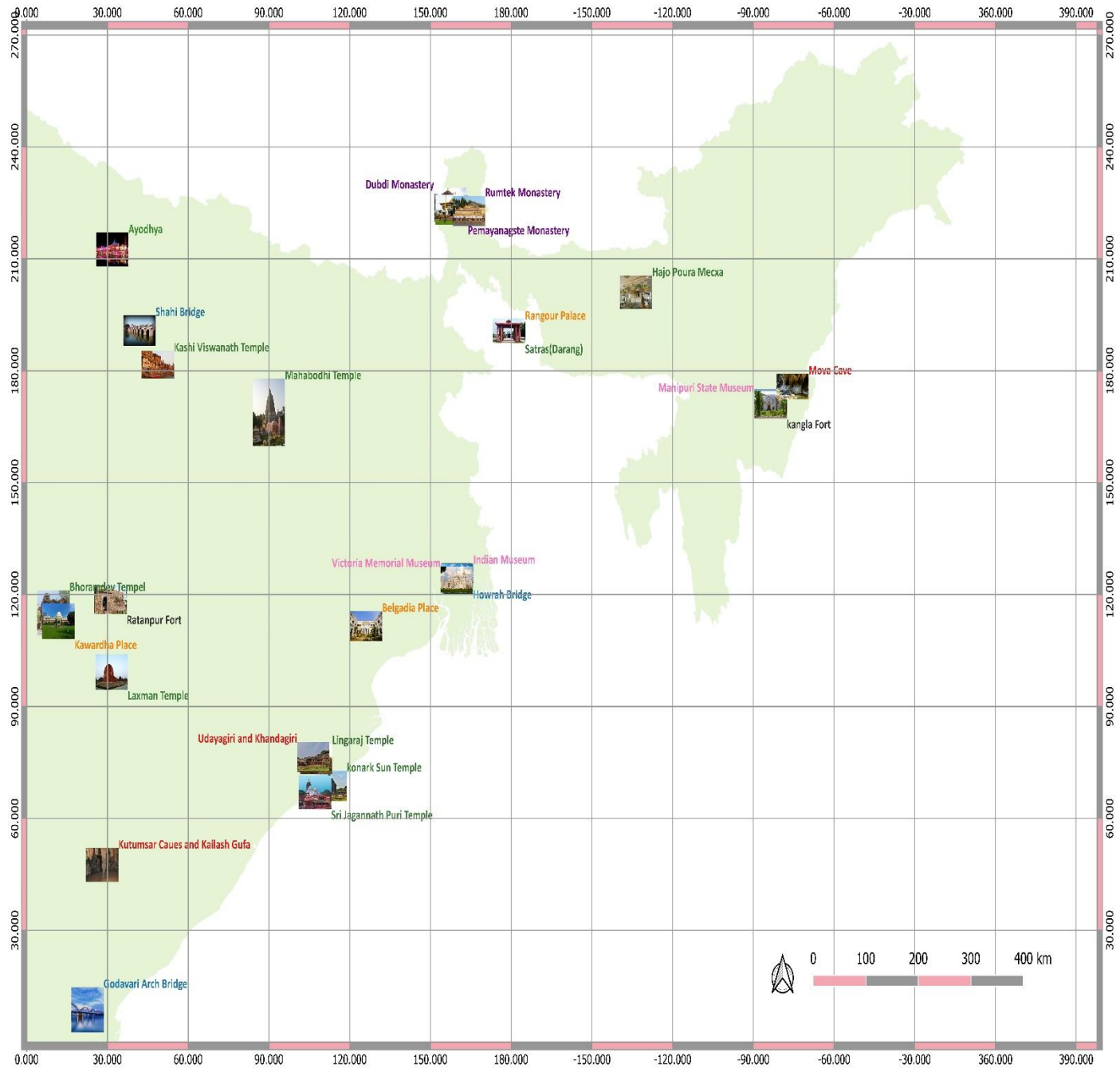
2. SOUTH INDIA



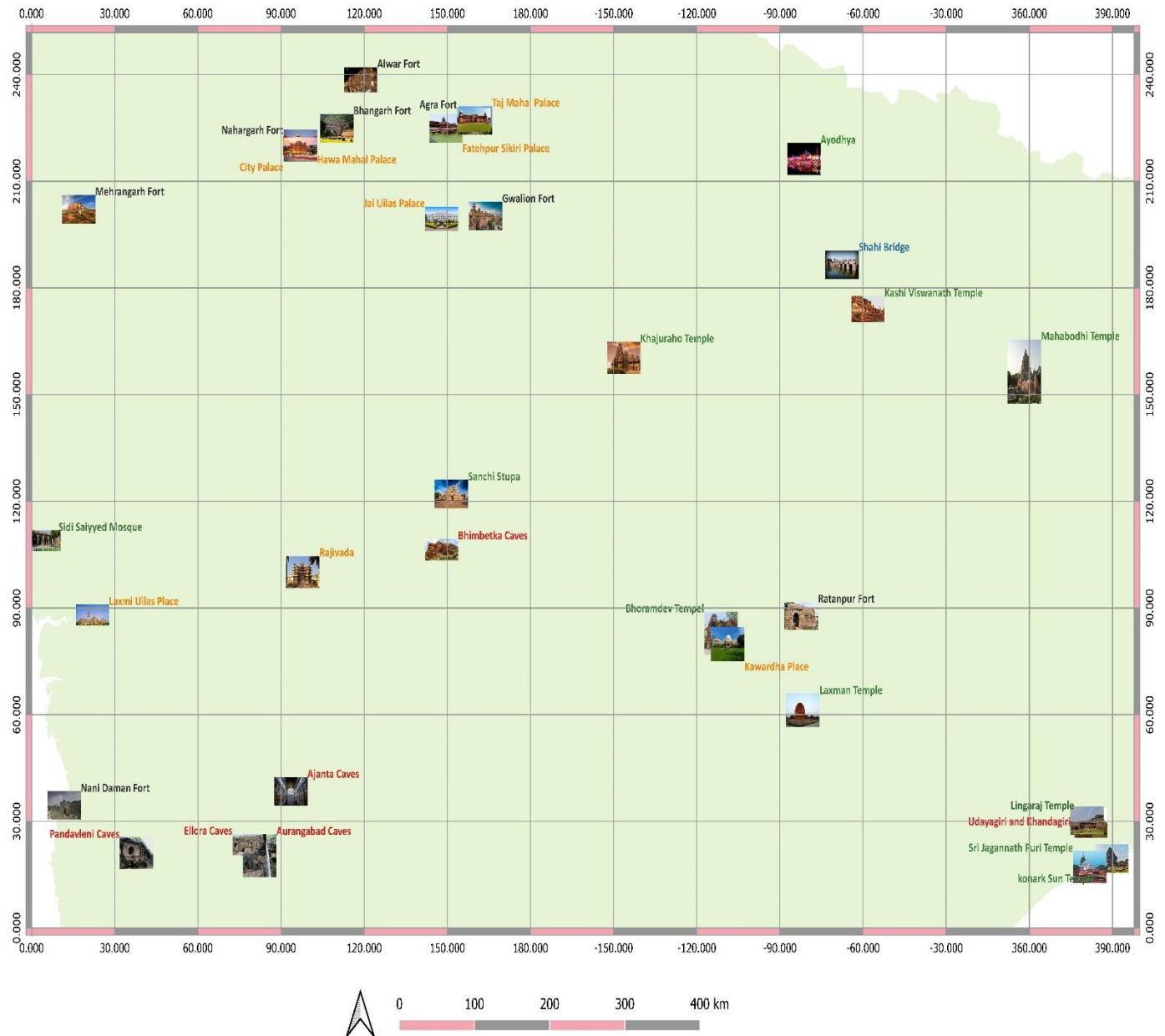
3. NORTH INDIA



4. EAST INDIA



5. CENTRAL INDIA



COMPLEXITIES: India is a largest country with lots of historical and cultural places. It is tough to cover every single place as it requires numerous data and more time. And the process is difficult. Because we need to create separate csv files for every place to insert their real pictures as icons. It is difficult to cover all places in this map. But here we have covered some main places in every part of India as it is a beginning. The main complexity is we cannot cover all the historical and cultural places in India as the data is large.

APPLICATIONS: The map is used to display only the famous historical and cultural places in India. We have set the pictures of the places as icons. This feature will attract people and helps to identify the place clearly. It will be best map for tourist as they wish to visit these historical and cultural monuments. If we make more developments in this map, in future it may become a tourism map.