TGFMIS

(Telangana Forest Management Information System)

Vana Sri

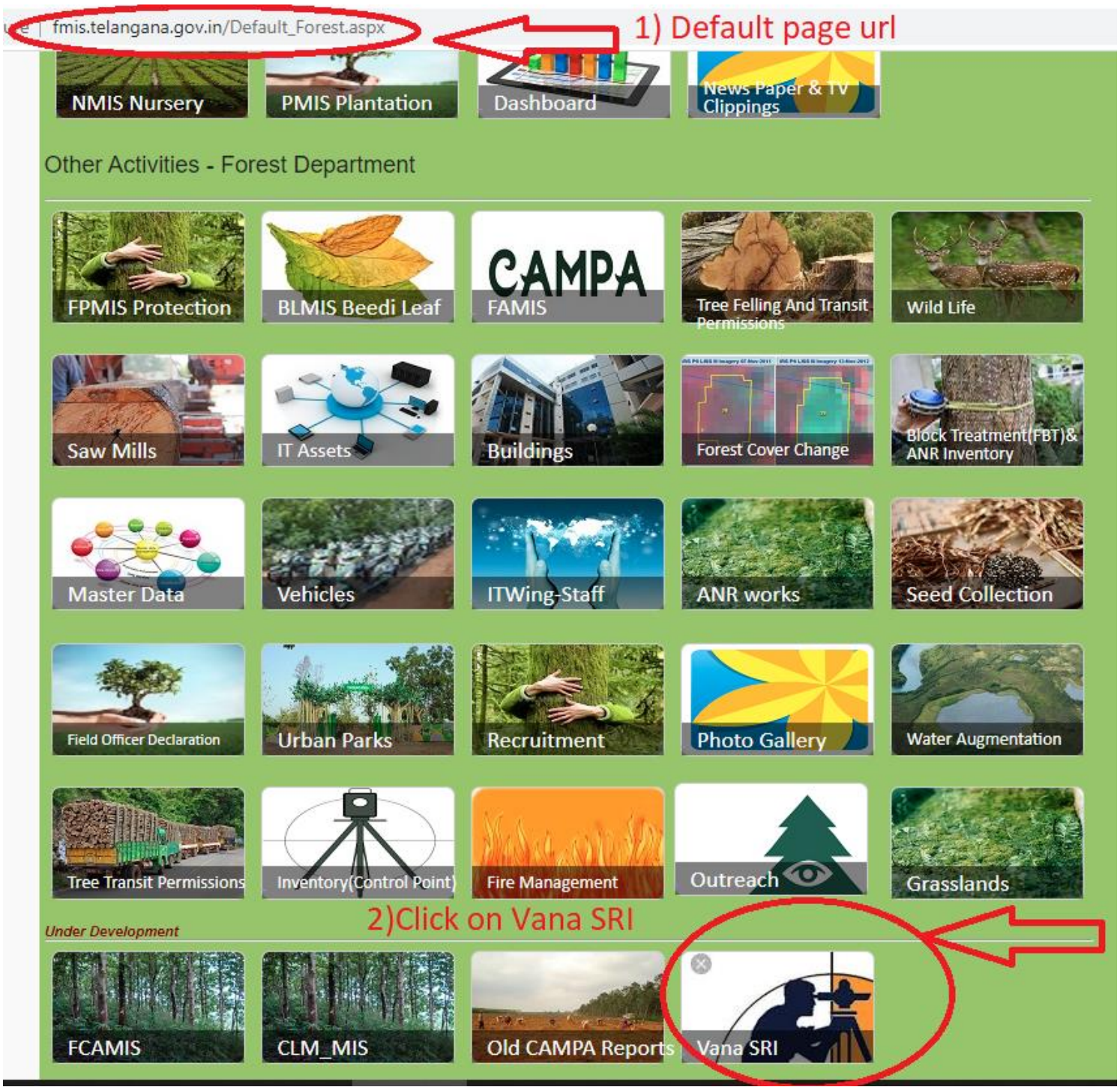
User guide

Below is the URL to go to tgfmis home page:

1) Click on below url
   http://fmis.telangana.gov.in/
2) Click on Activities for forest department logo

Below is the URL to go to tgfmis Default page:

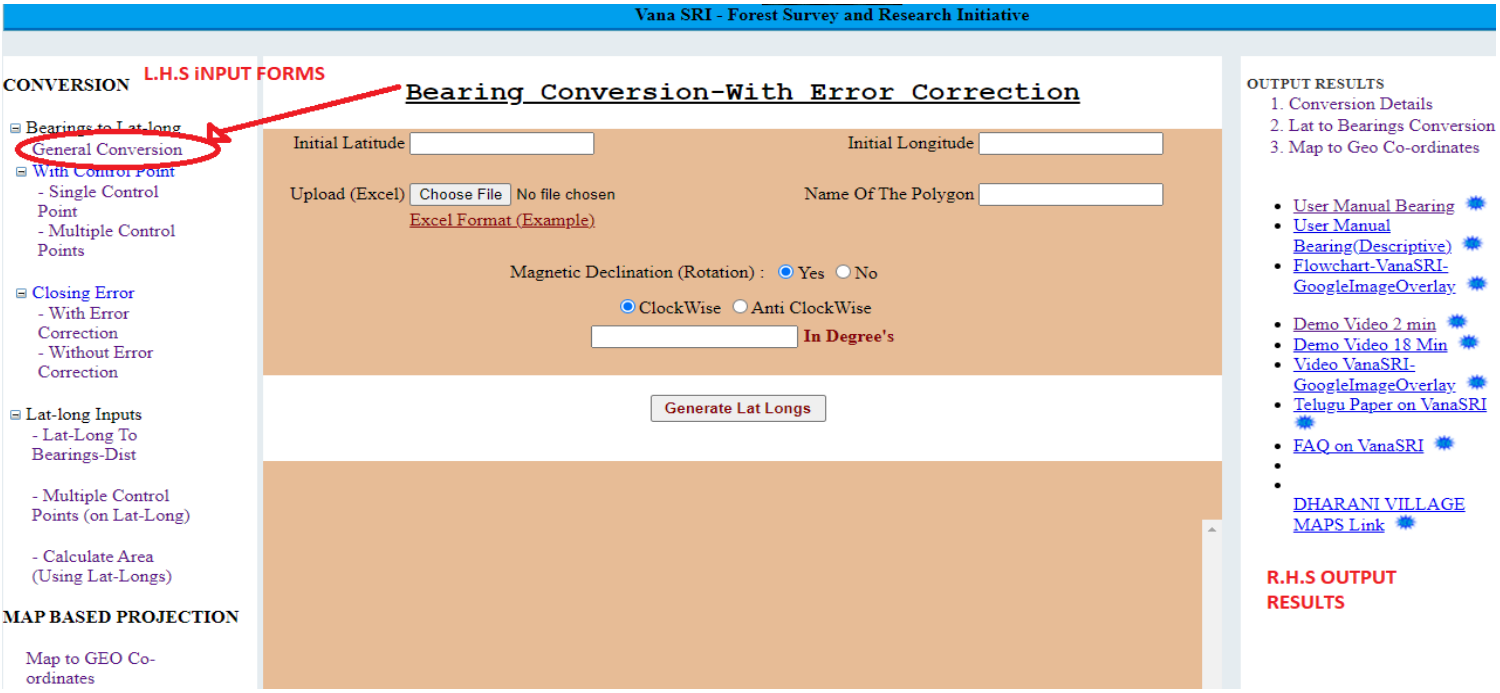
1) Click on below url
   http://fmis.telangana.gov.in/Default_Forest.aspx
2) Click on Vana SRI logo



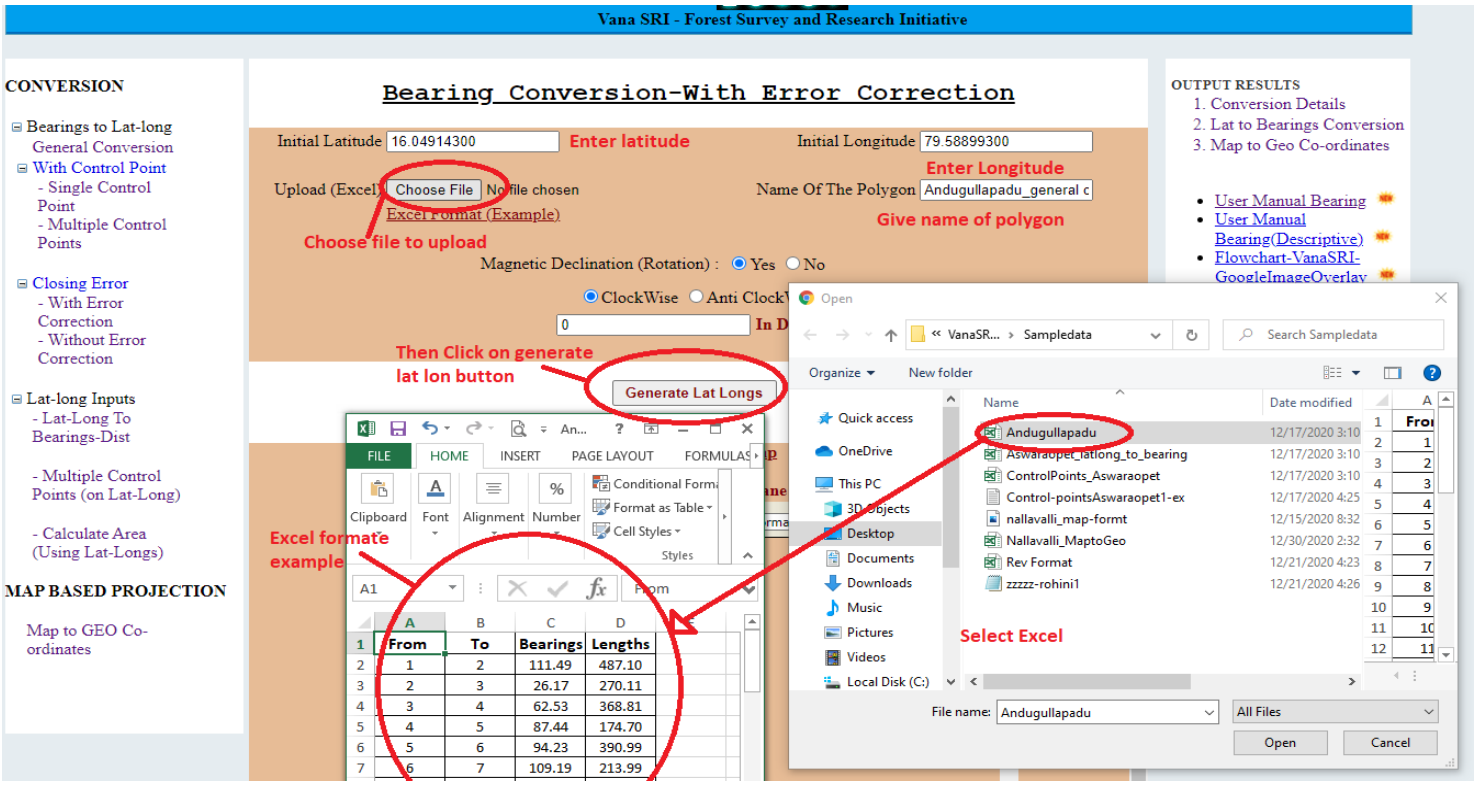
Below is the Vana SRI page:

1) L.H.S are Input forms
2) R.H.S are Output Result

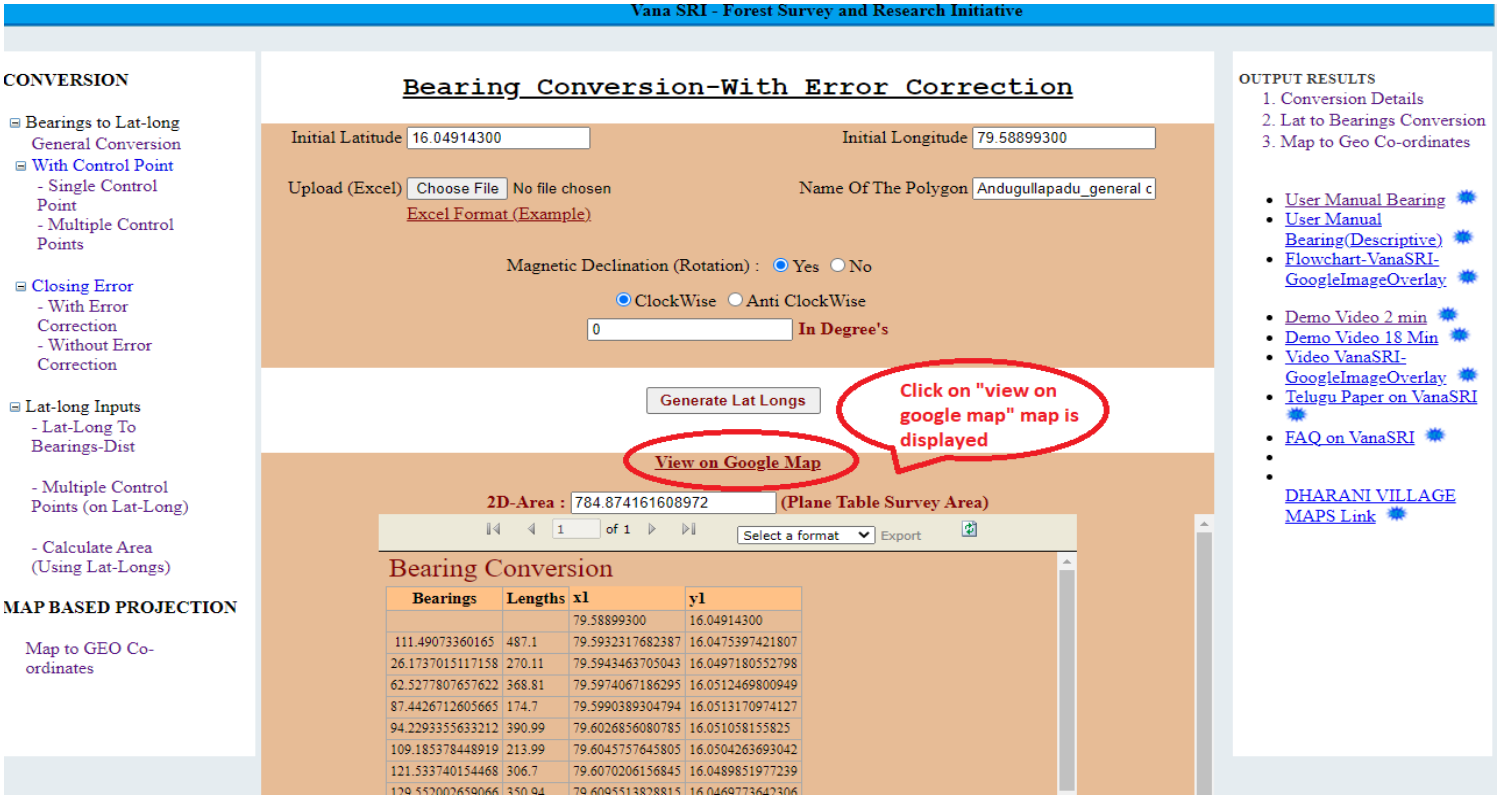
General Conversion: After clicking on link below input form is displayed



Enter the All Values in input form, below is the example format for excel to be uploaded

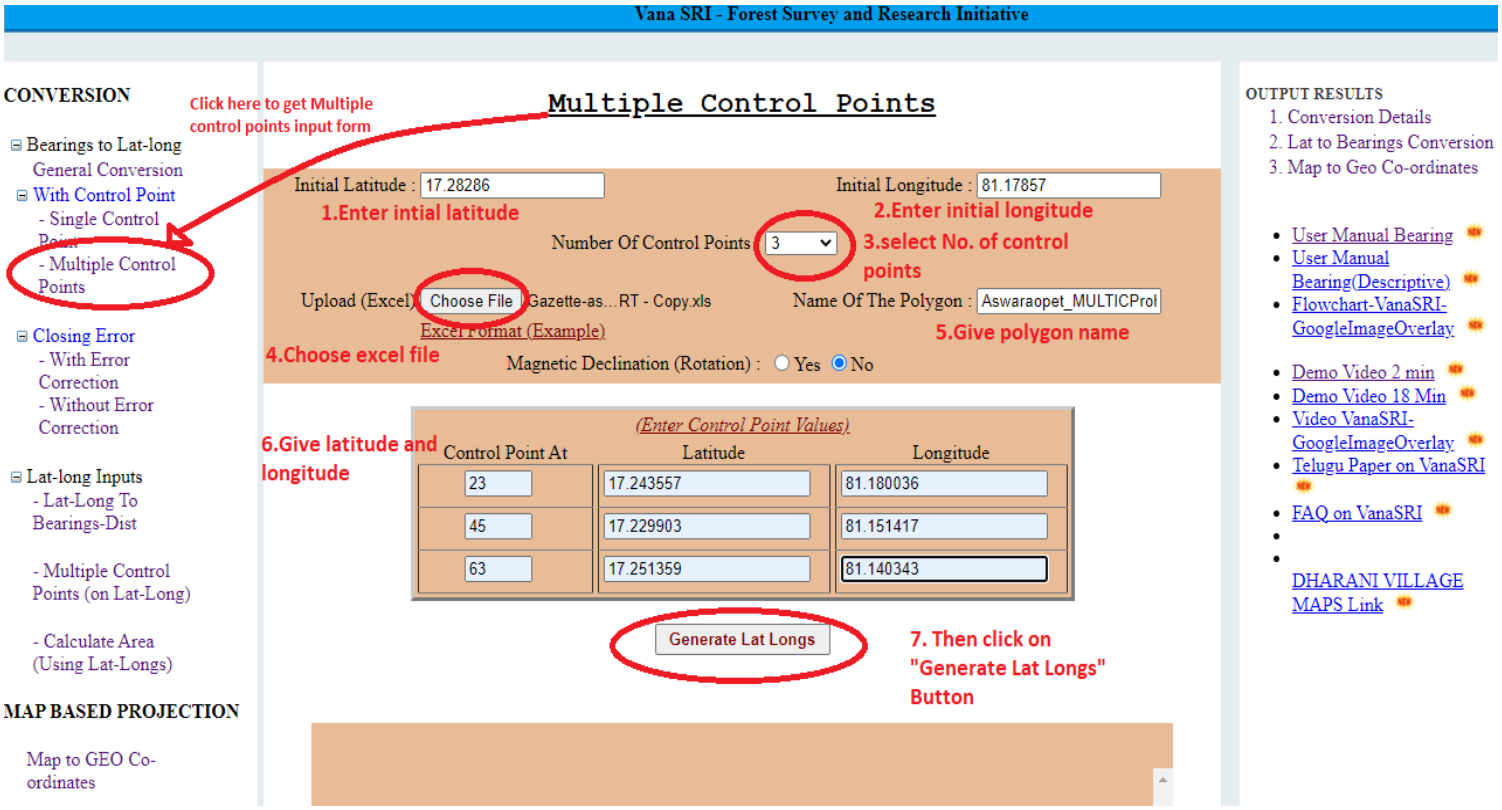


After Clicking Generate Lat Longs Button Area and Latitude and Longitude values Displayed Then click on “View on Google Map” link to display map

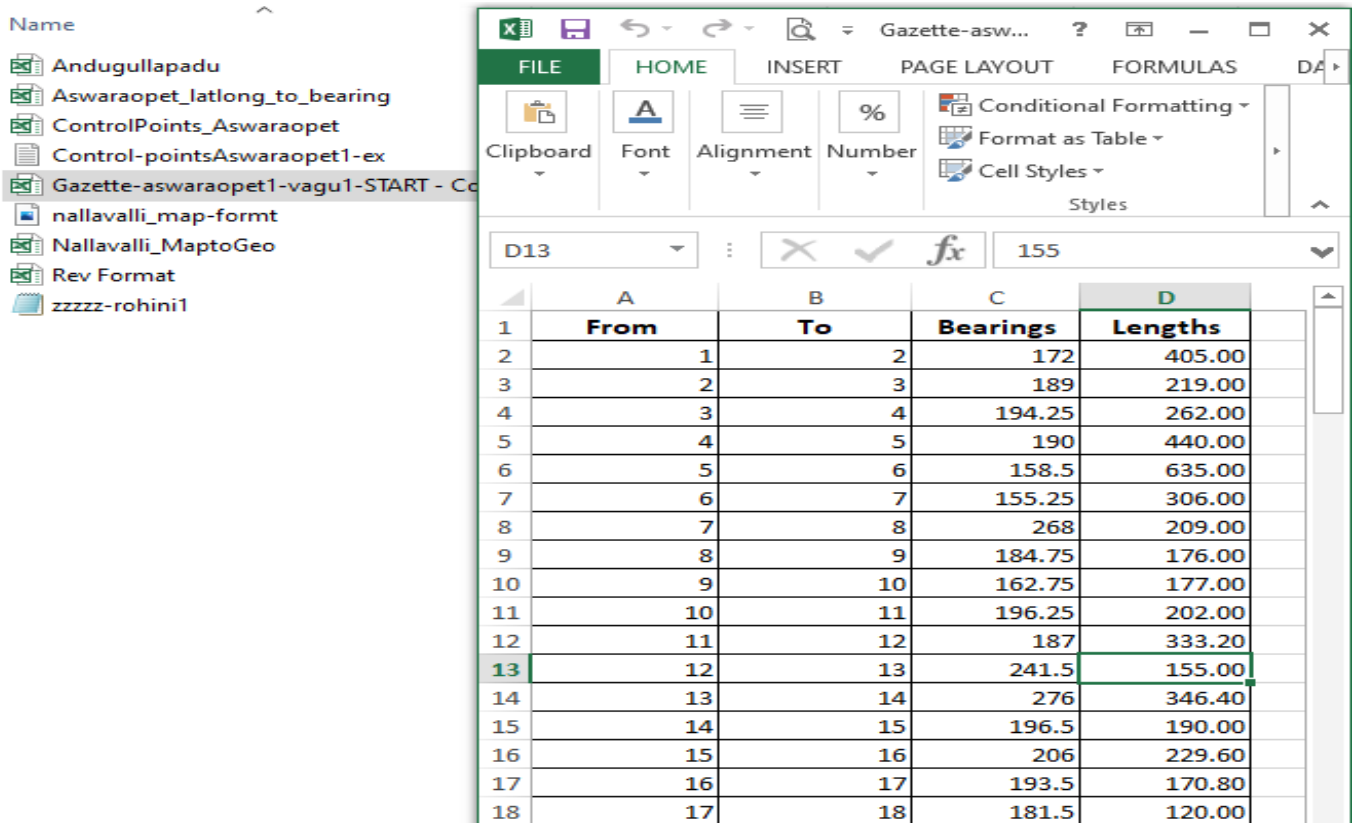


Example: With Error Correction Map of AndugullaPadu (Map is Closed)

Using multiple control points generate Latitudes and Longitudes

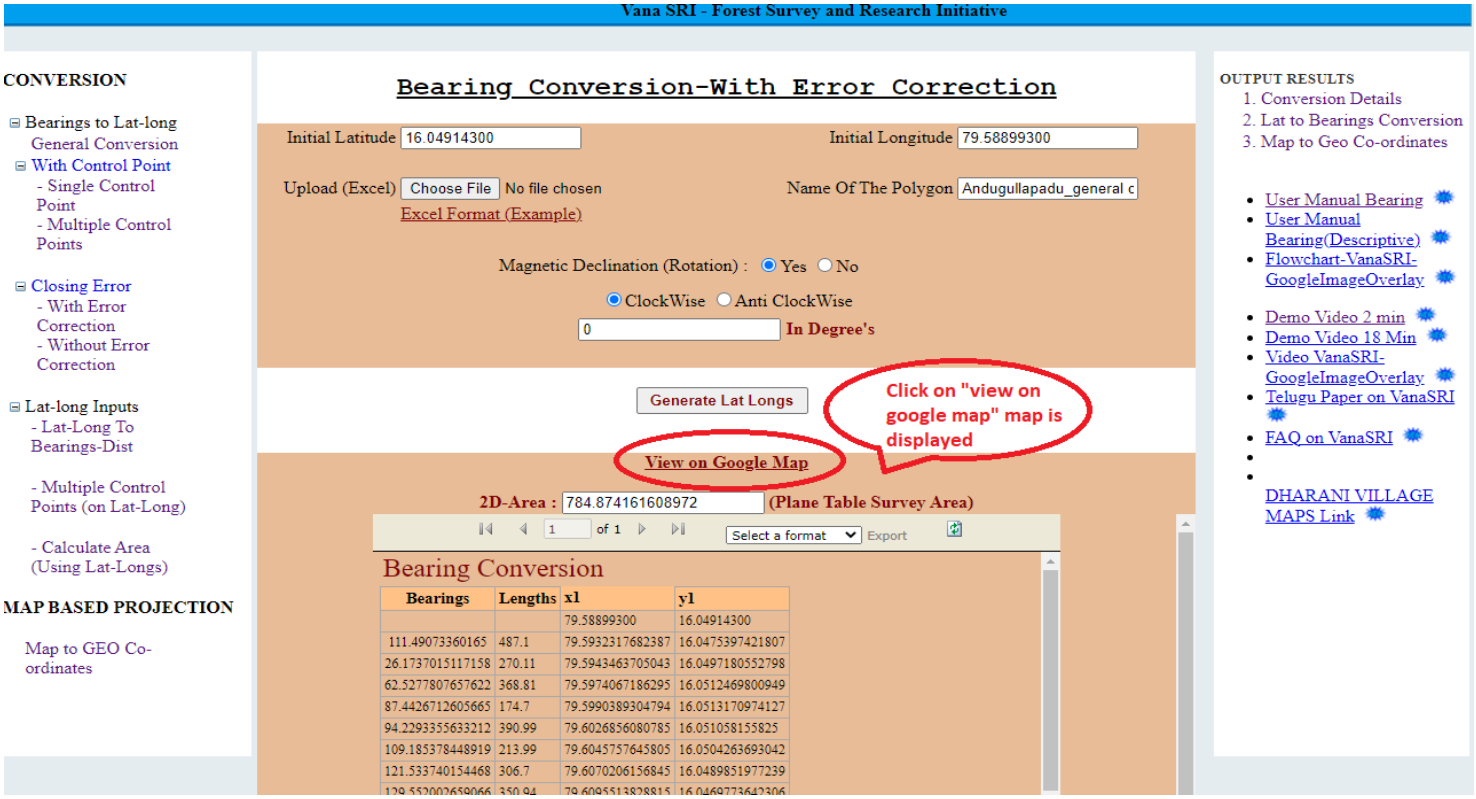


Below is the example for excel format to Upload in Multiple control points input form

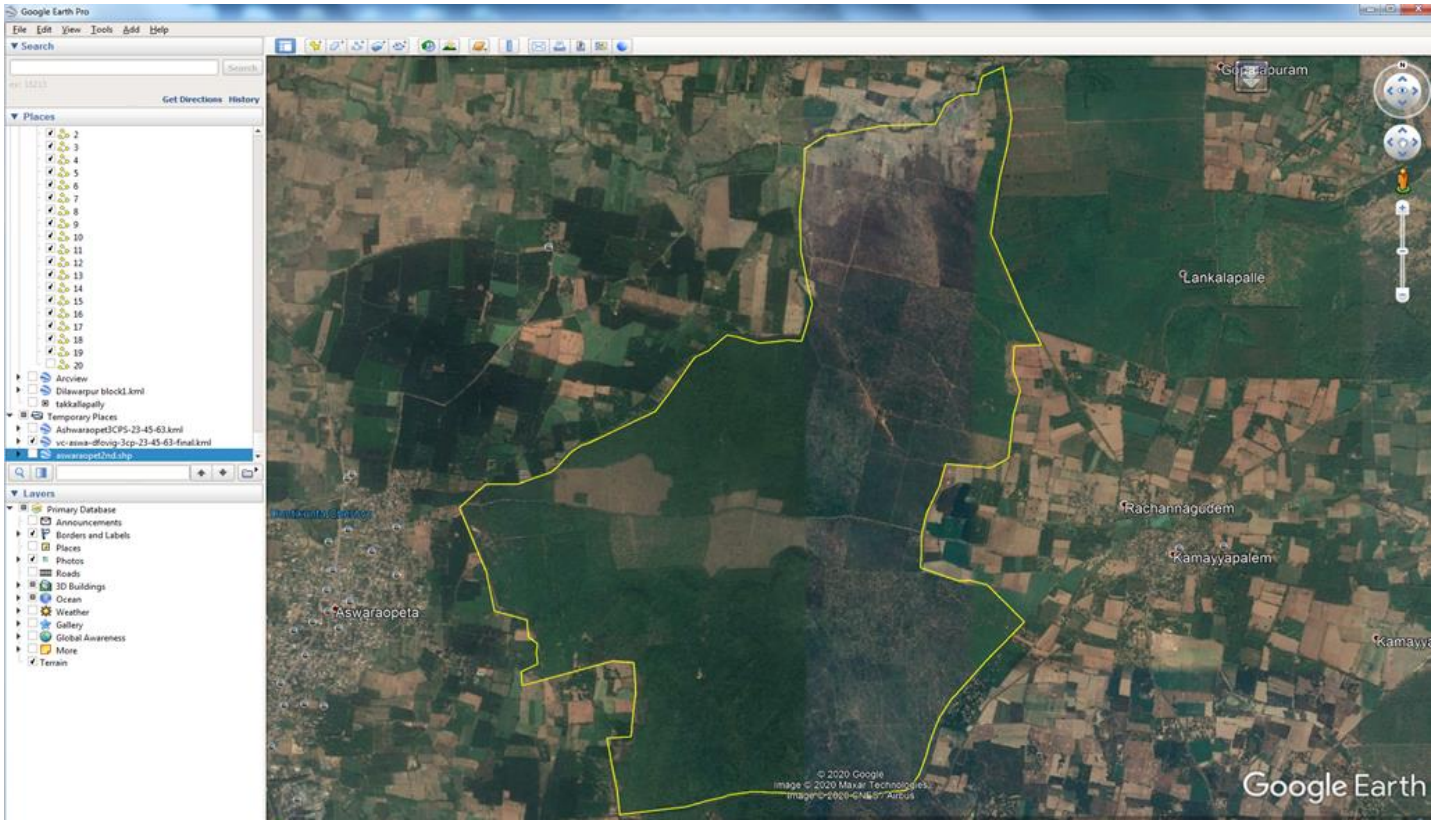


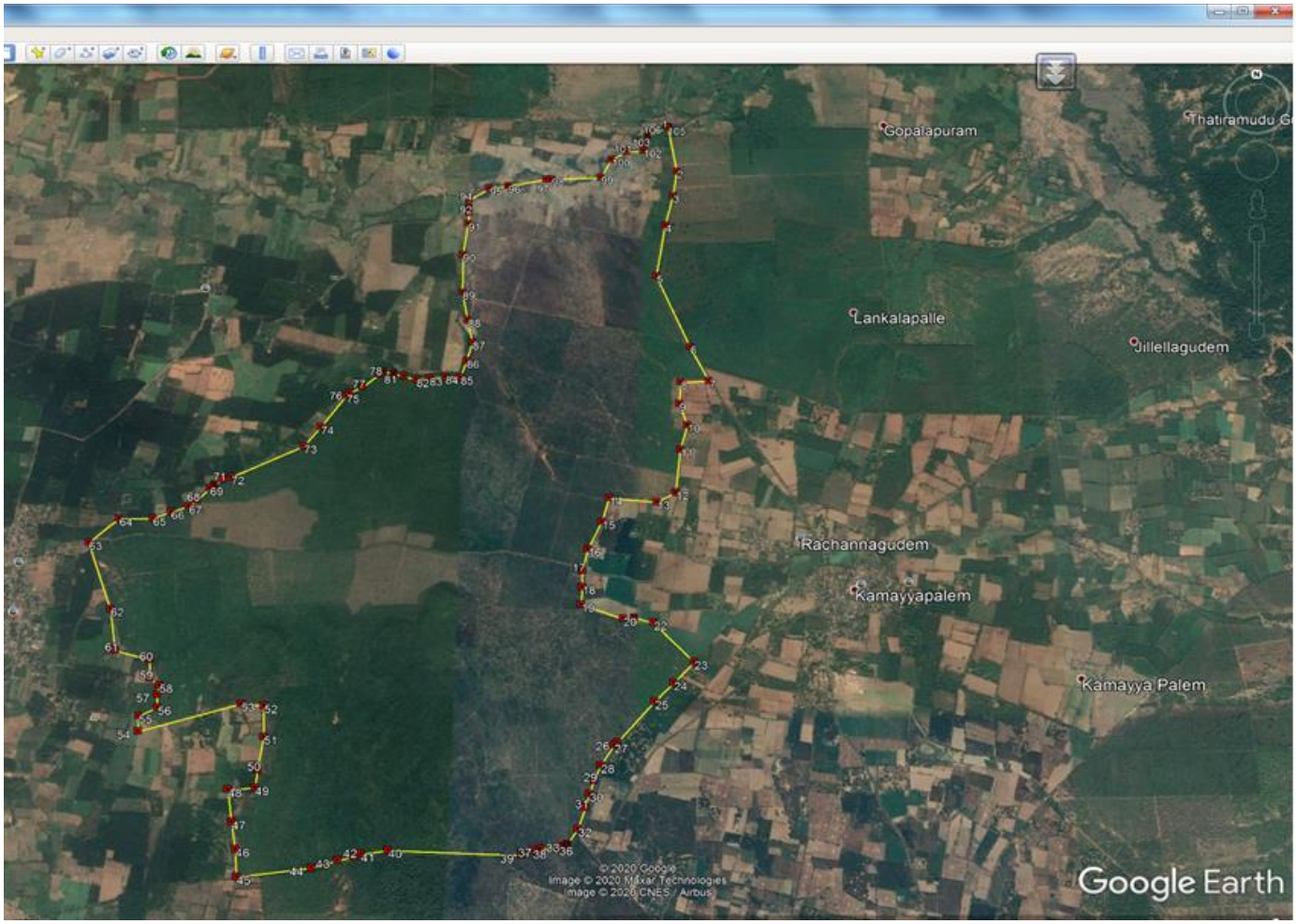
	A	B	C	D
1	From	To	Bearings	Lengths
2	1	2	172	405.00
3	2	3	189	219.00
4	3	4	194.25	262.00
5	4	5	190	440.00
6	5	6	158.5	635.00
7	6	7	155.25	306.00
8	7	8	268	209.00
9	8	9	184.75	176.00
10	9	10	162.75	177.00
11	10	11	196.25	202.00
12	11	12	187	333.20
13	12	13	241.5	155.00
14	13	14	276	346.40
15	14	15	196.5	190.00
16	15	16	206	229.60
17	16	17	193.5	170.80
18	17	18	181.5	120.00

Below is the output after clicking on Generate Lat- Longs button

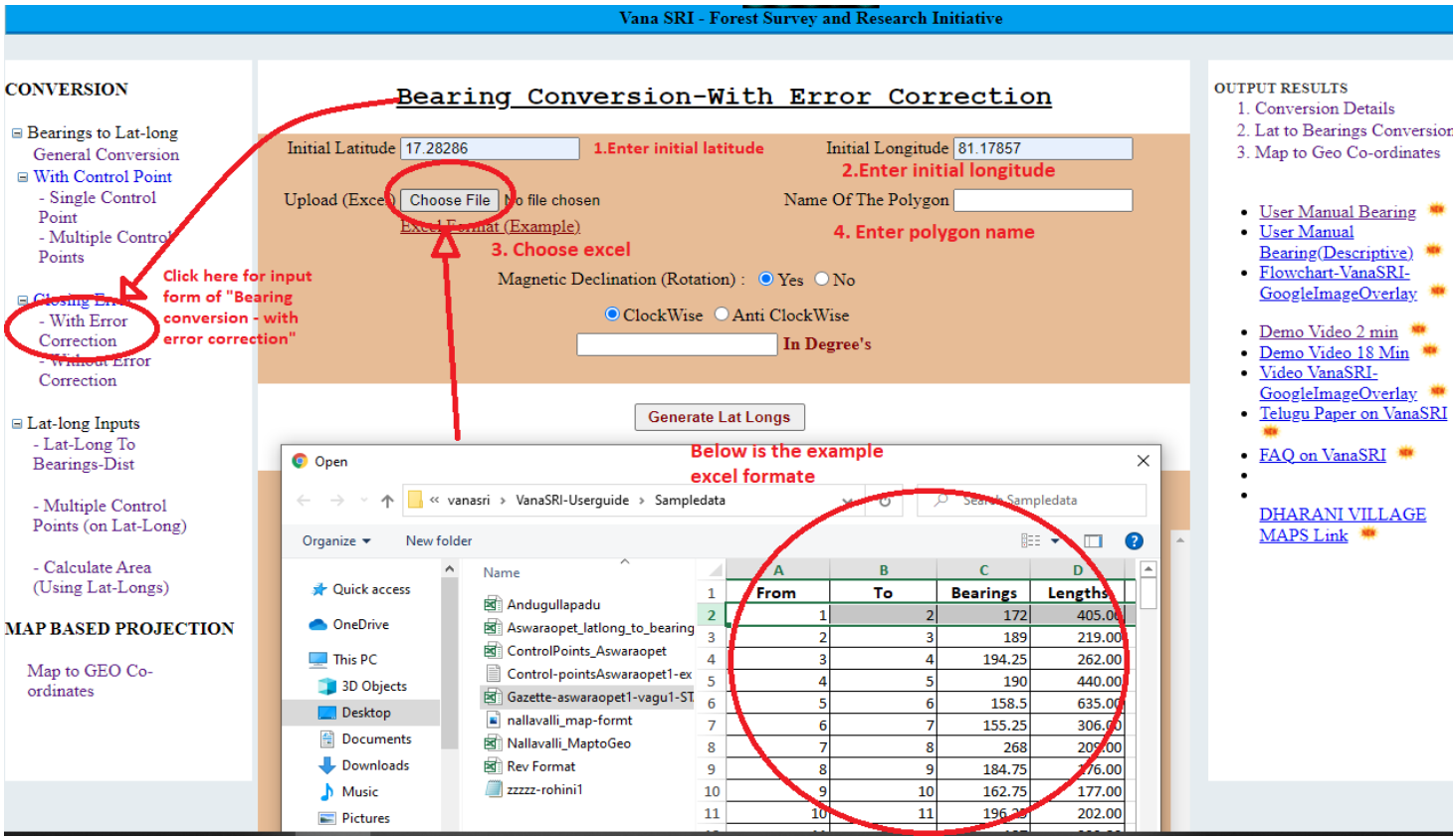


After clicking on View on google map below map is displayed

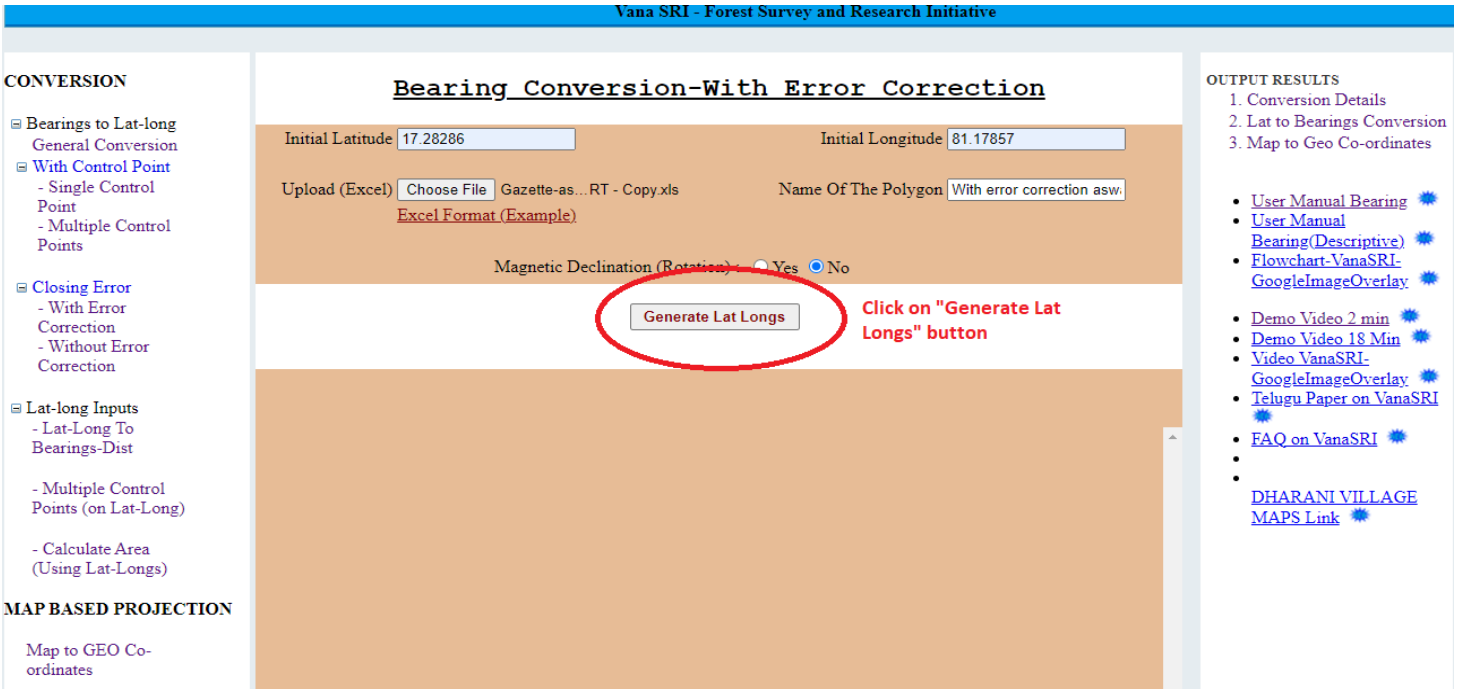




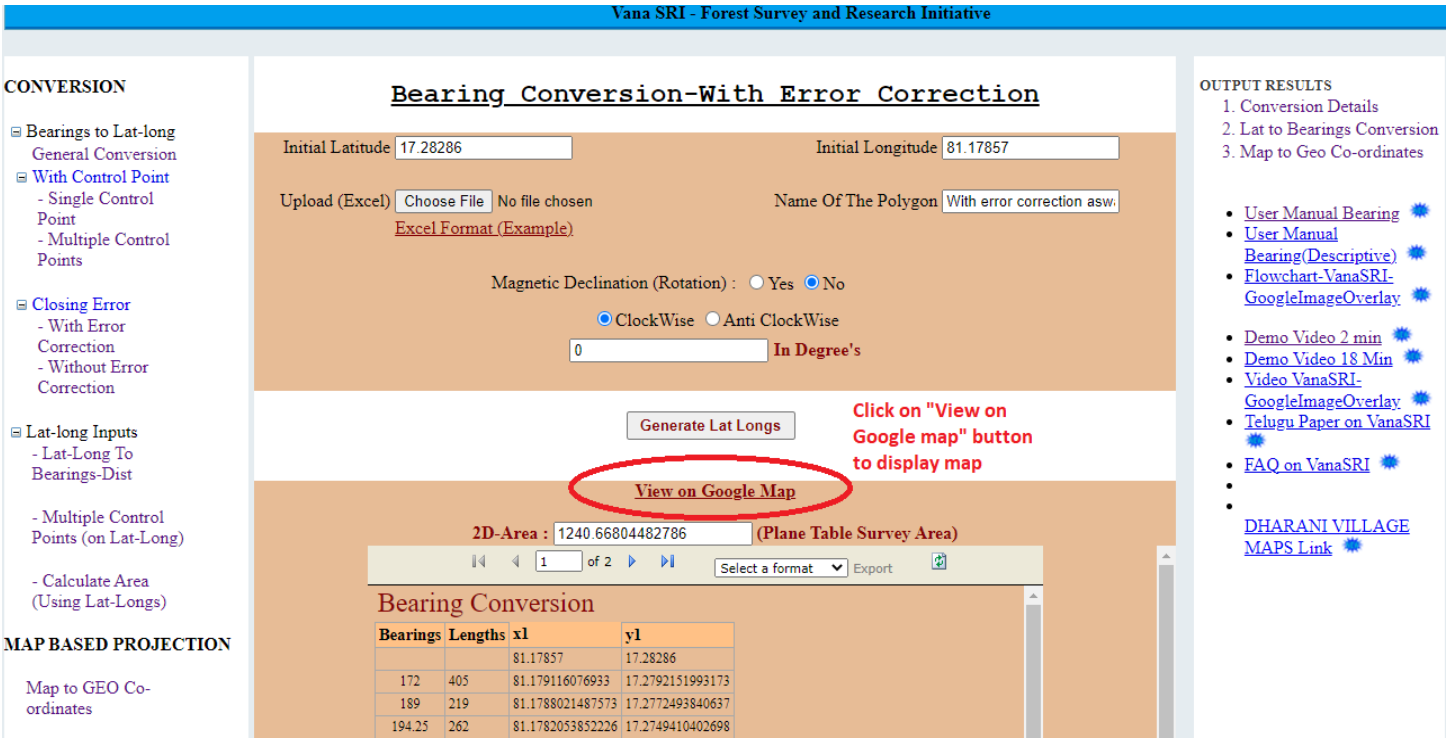
Closing Error:
Click on Bearing Conversion- with Error Correction link to Display Below page



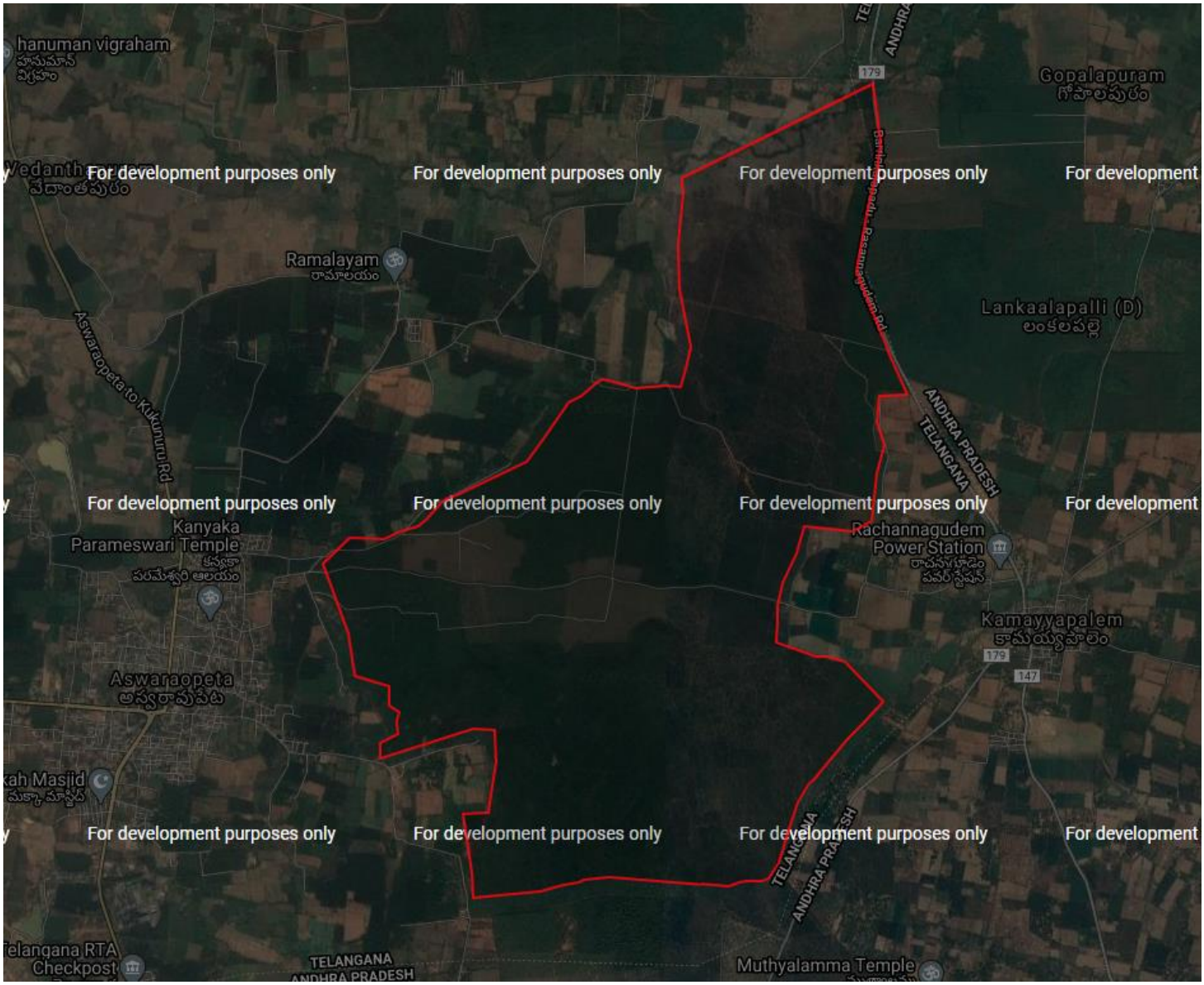
After Entering the All Values Click On Generate Lat-Longs Button



After Clicking Generate Values Button Area and Latitude and Longitude Values Displayed

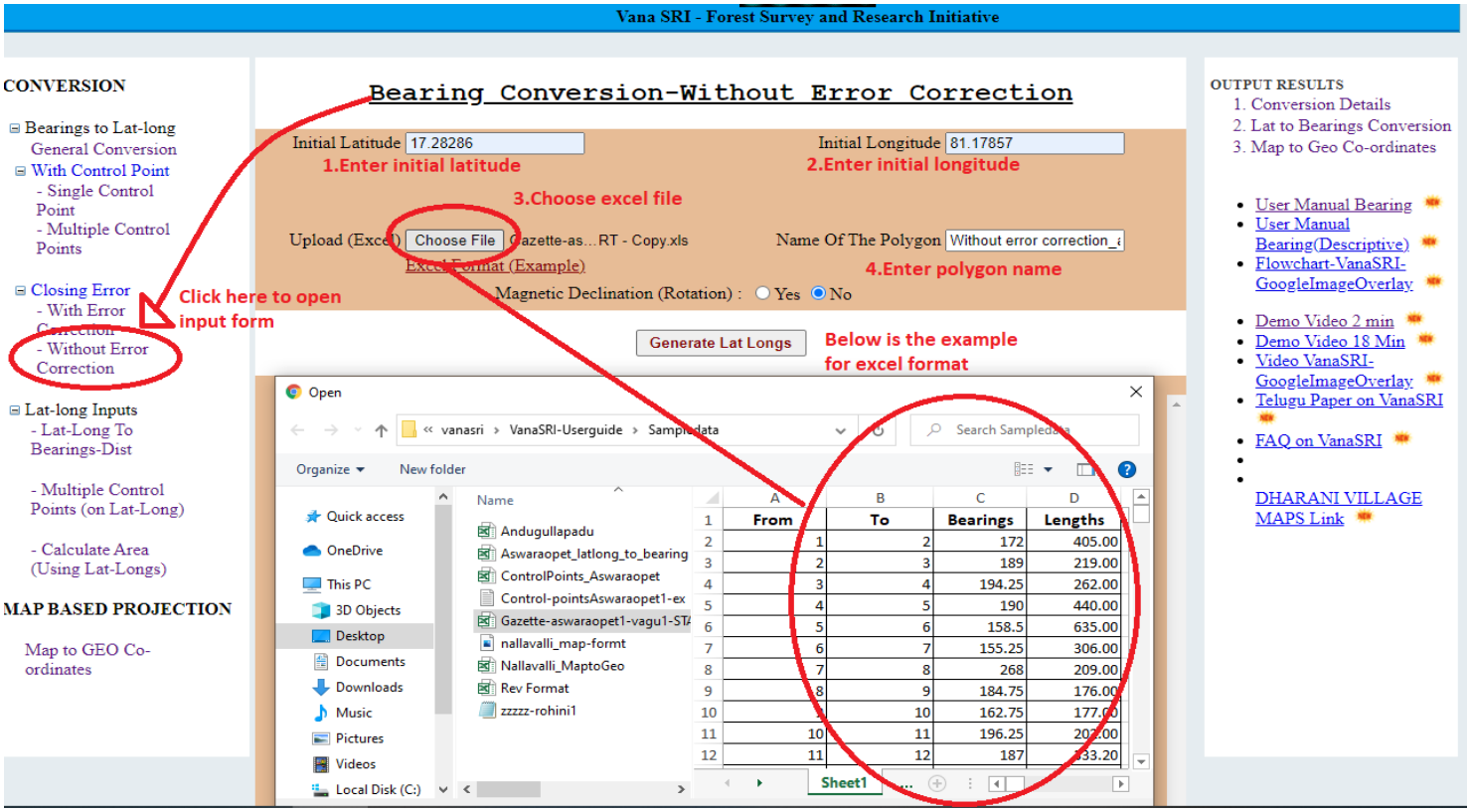


Example: With Error Correction Map of Aswaraopet (Map is Closed)

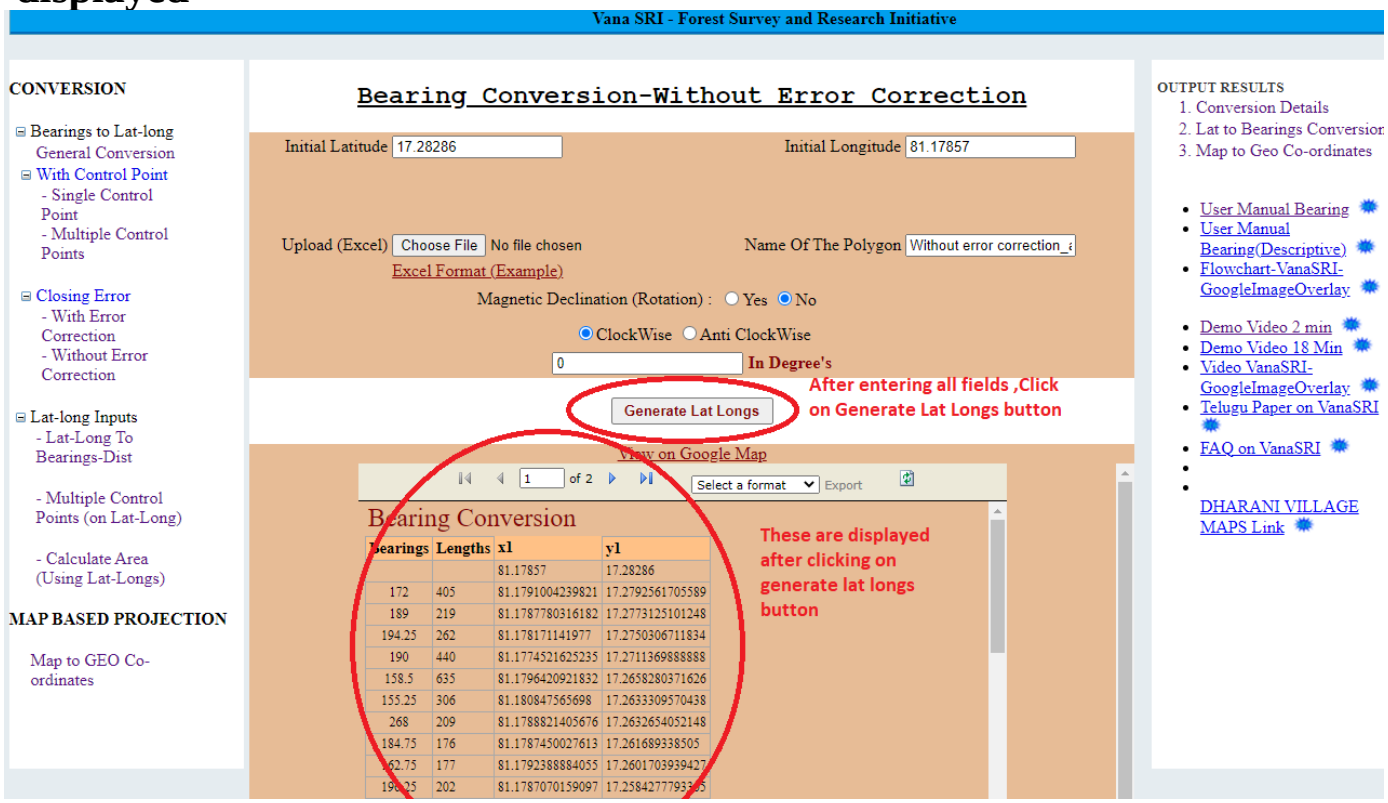


Input-Screen for Bearing Conversion –Without Error Correction

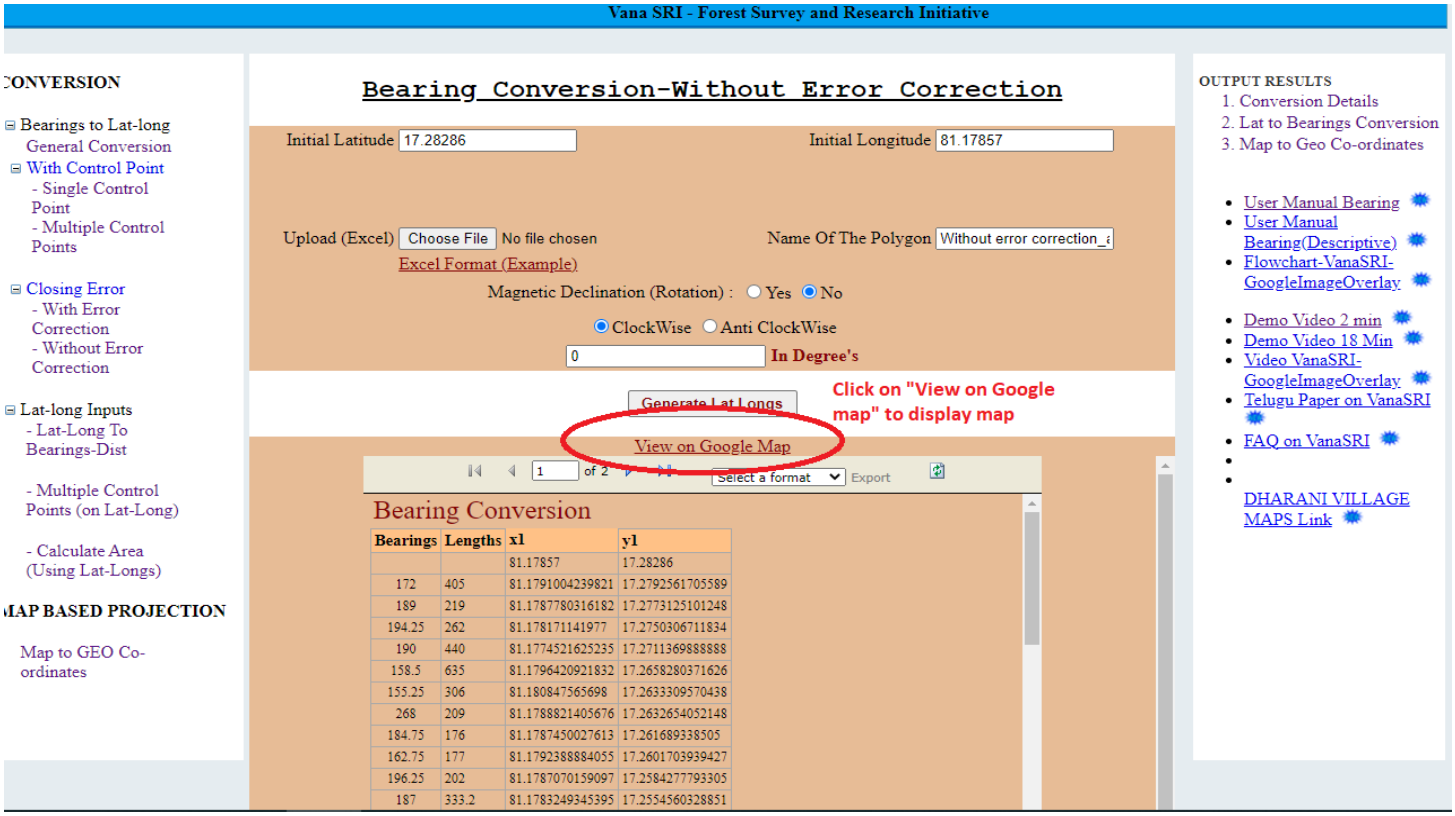
Below are steps to enter data and example of excel sheet



After entering all field values click on "generate Lat Longs" button then below is displayed

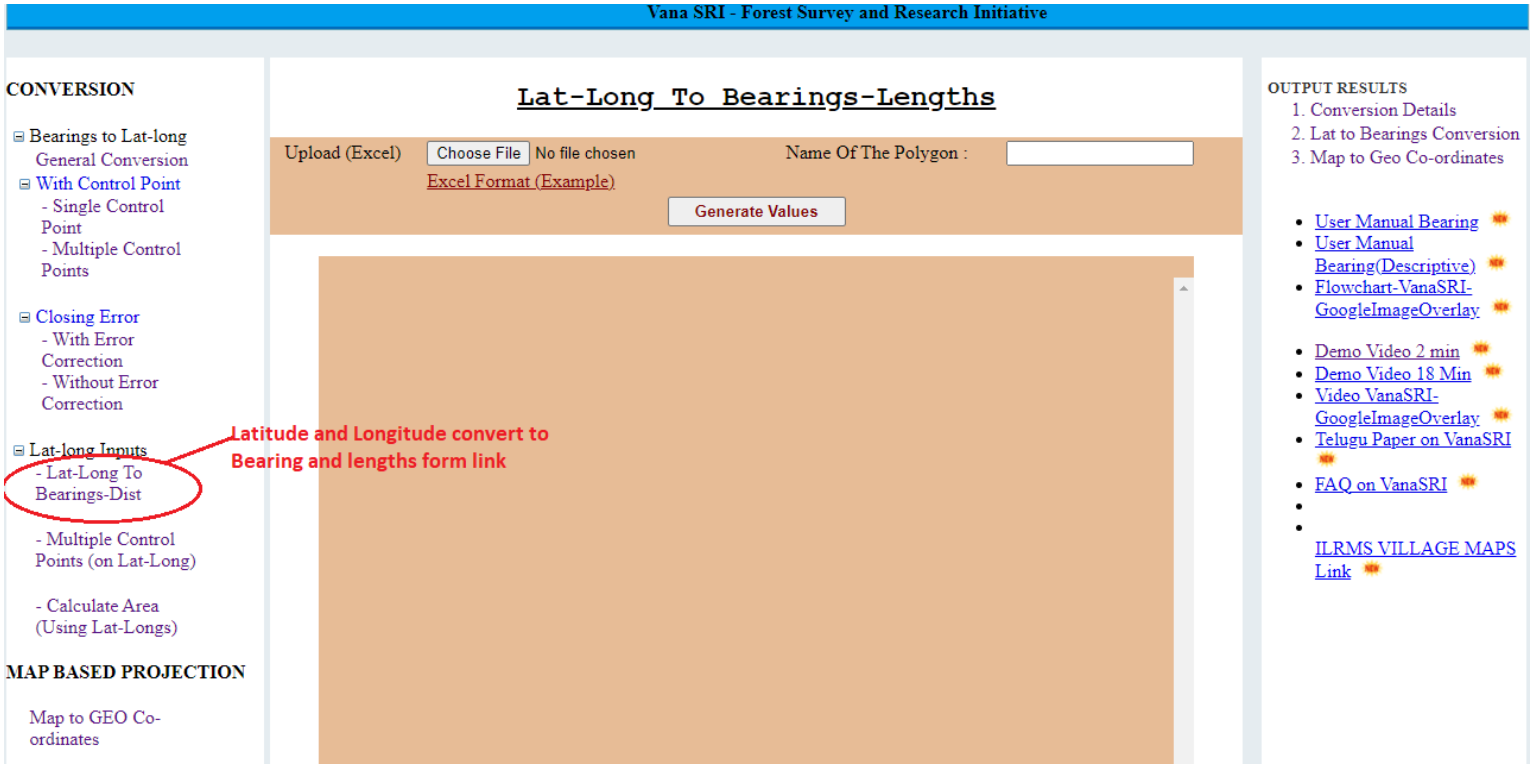


Click on “View on Google map”

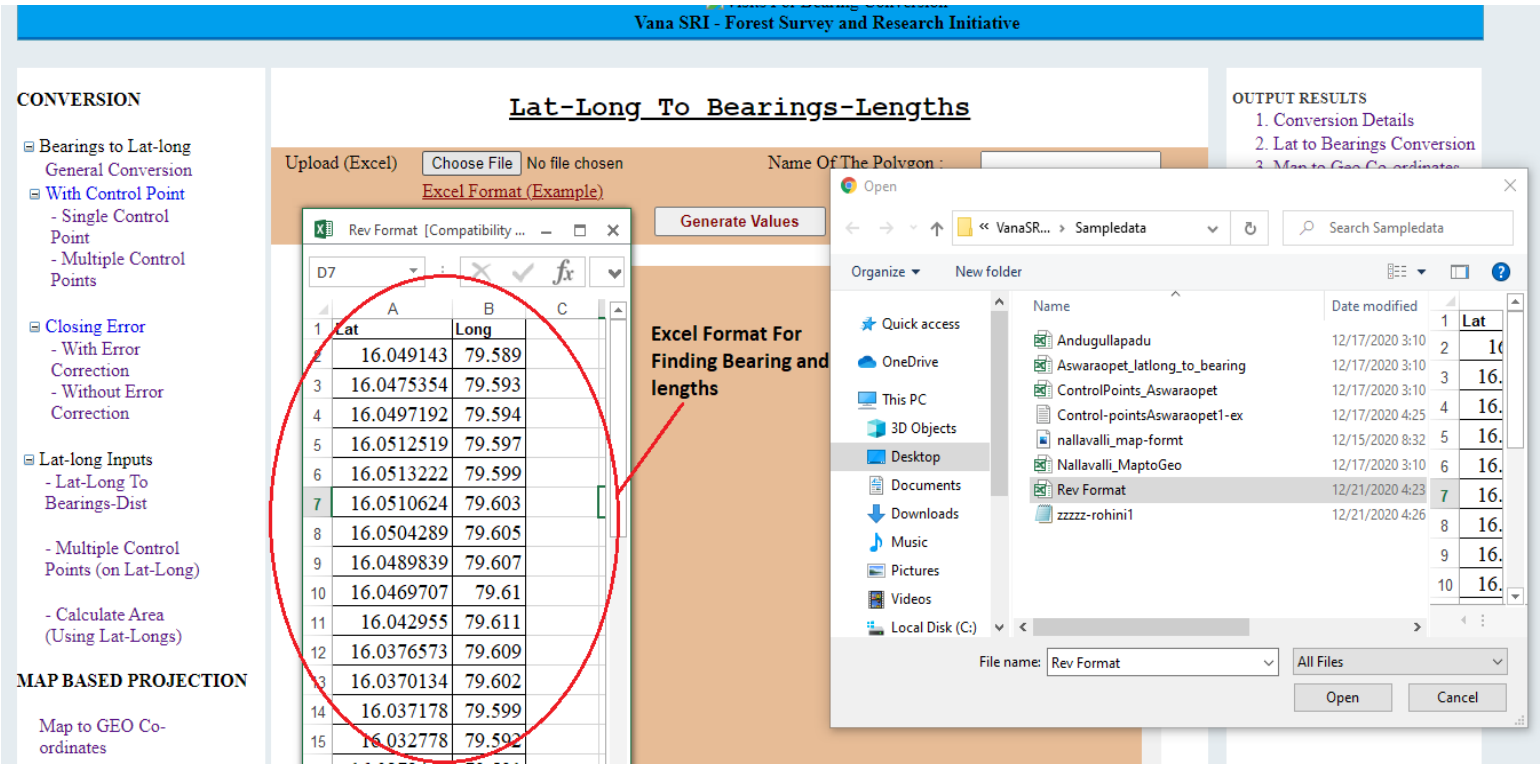


After clicking “View on Google map” below map is displayed

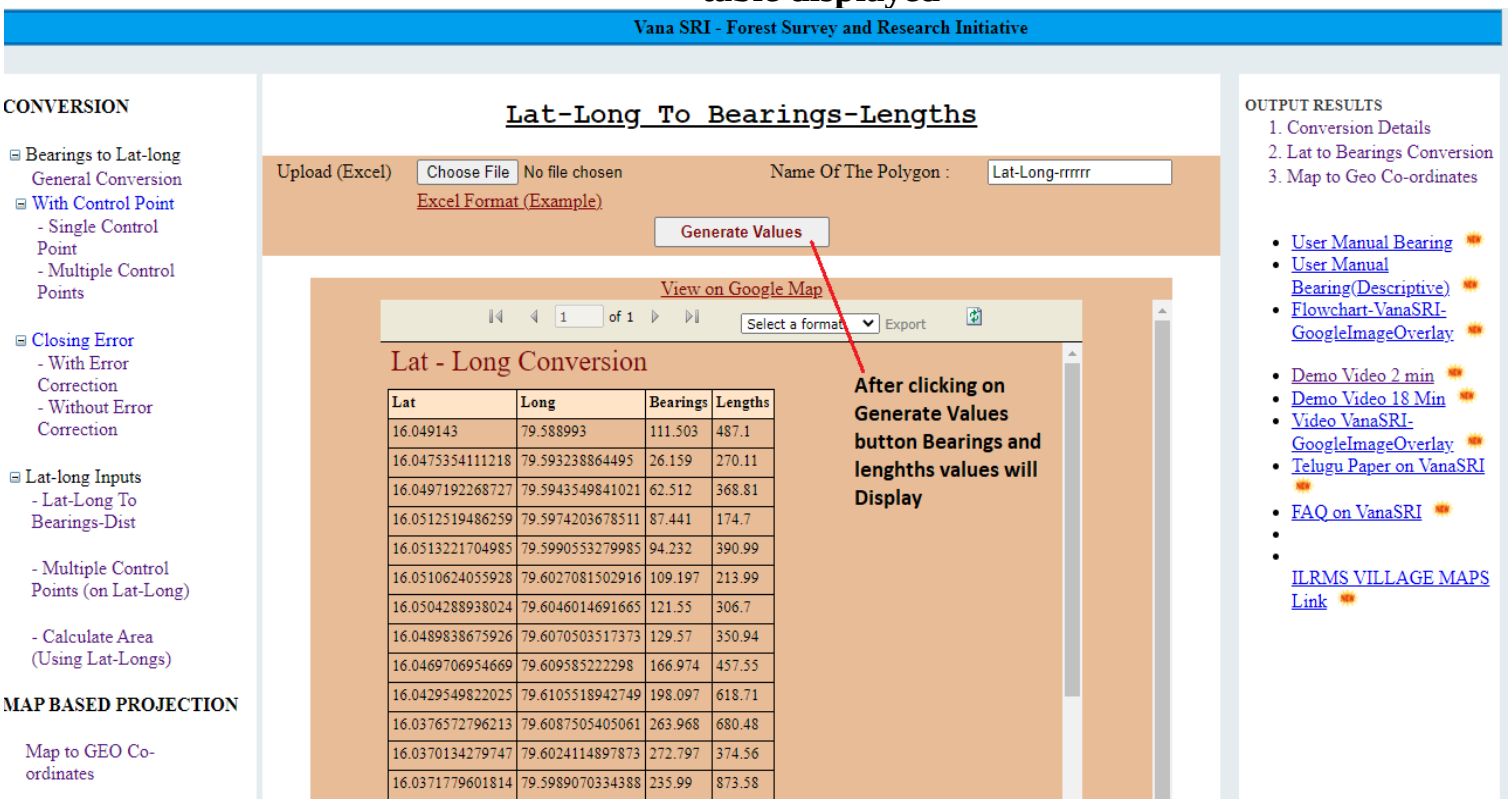
Giving Input file (Latitude &Longitude) generate Bearings & Lengths



Latitude and Longitude values Convert to Bearing and Lengths

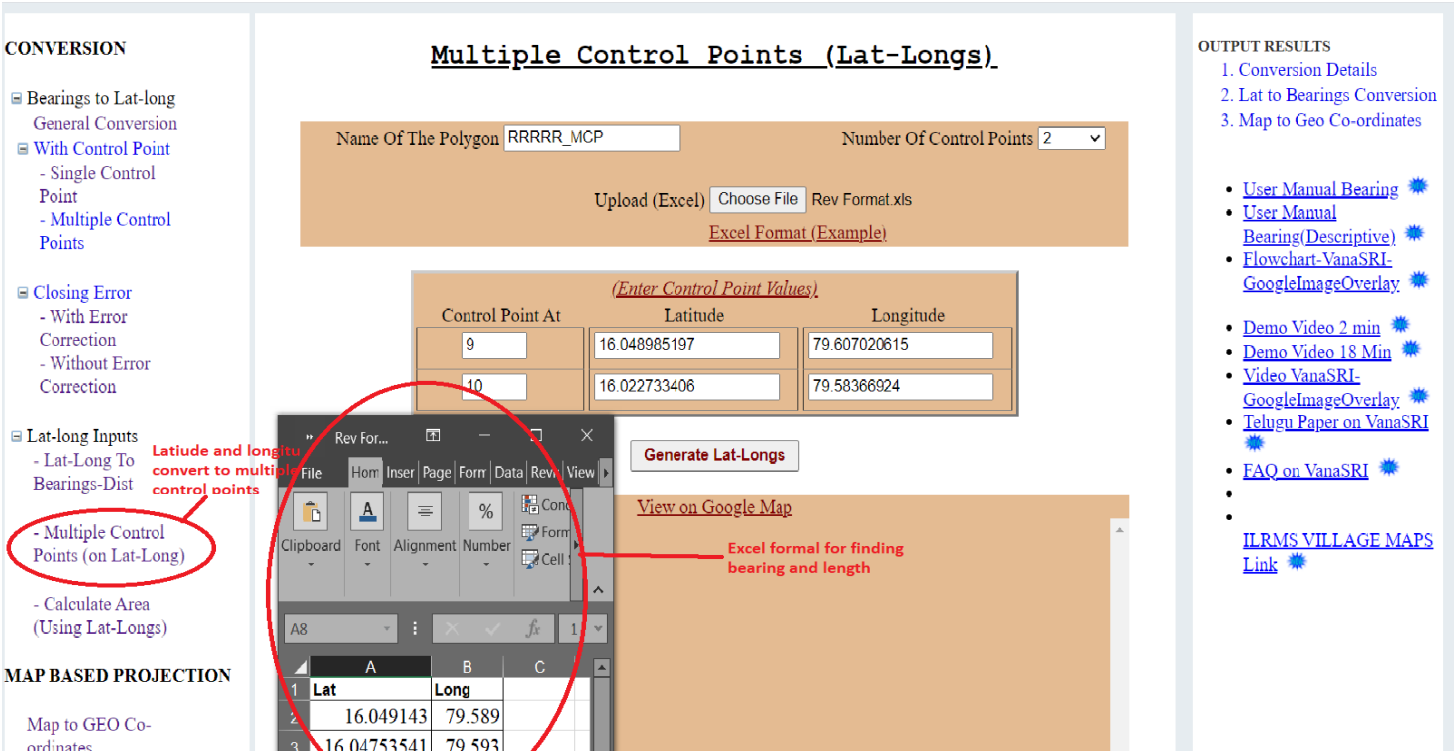


After giving all the inputs by clicking generate values one table of bearing and Length table displayed

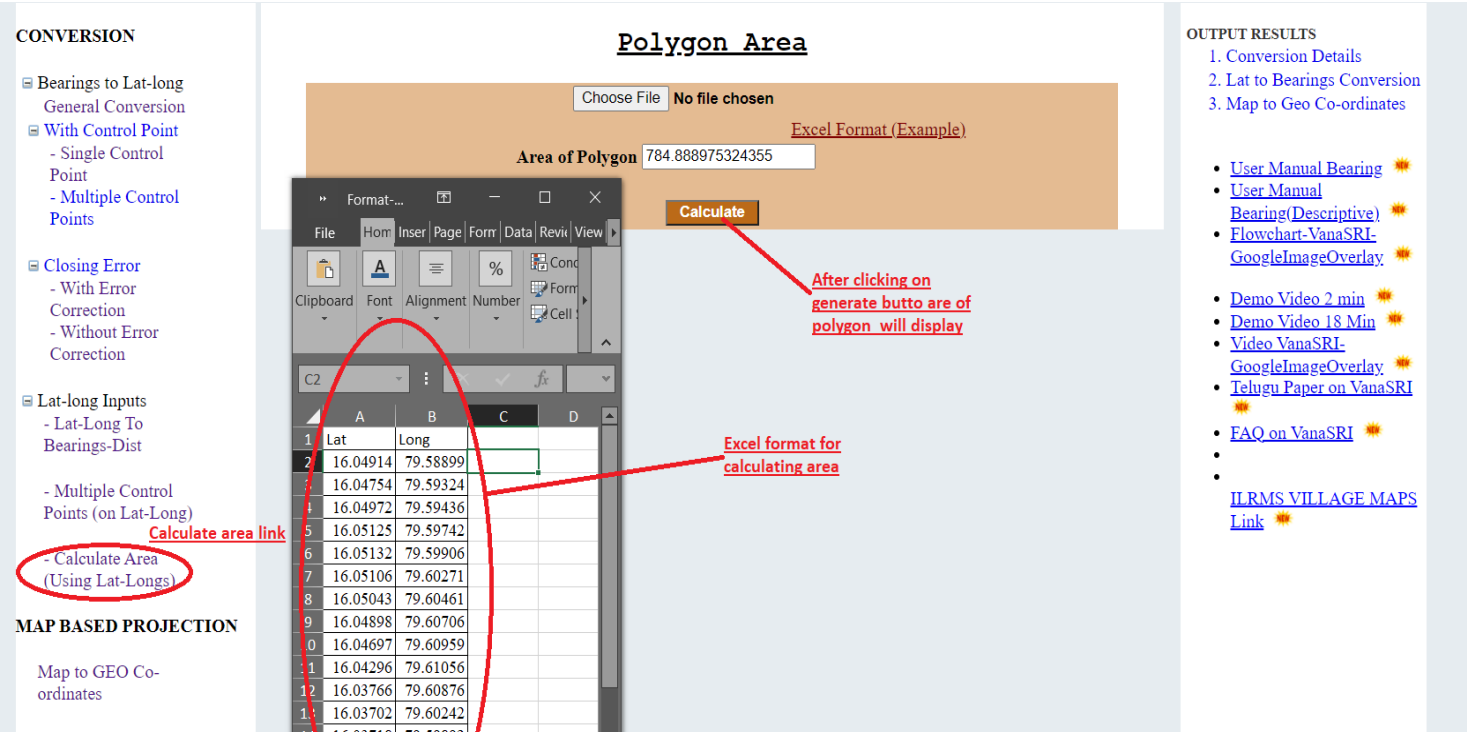


Finding Area by uploading Latitude and Longitude (.xls) Excel File

Multiple Control point (in LATITUE AND LENGTH)



Polygon Area – Calculate Area using (Using Lat-Long)

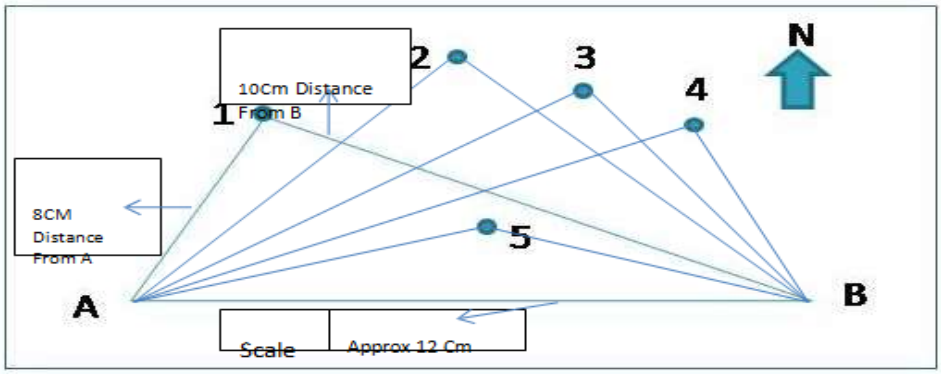


Using this form Generating Latitude & Longitude using Map (Paper Co-Ordinates)

User Manual for Preparing Excel Sheet

1

Paper Map

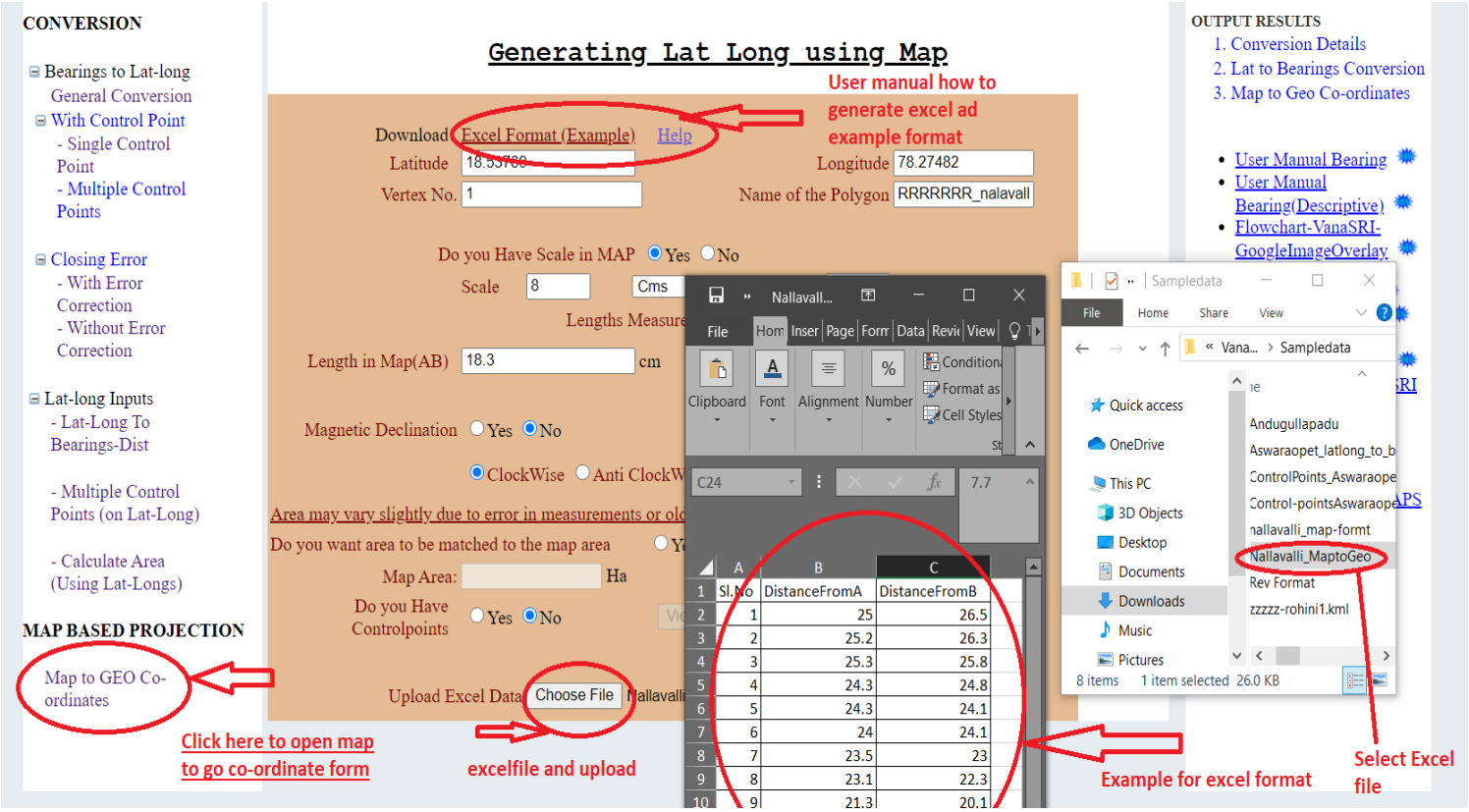


- Draw a line AB perpendicular to North Arrow below the map extending west to western most point and eat to eastern most point
- Tabulate each distance as like above message
- Ex:-Draw a line A to 1 and B to 1
- It forms triangle like(▲A1B) and from the all triangle like above And Note down the distances from (A to 1) and
- (B to 1)

And prepare Excel Sheet:-

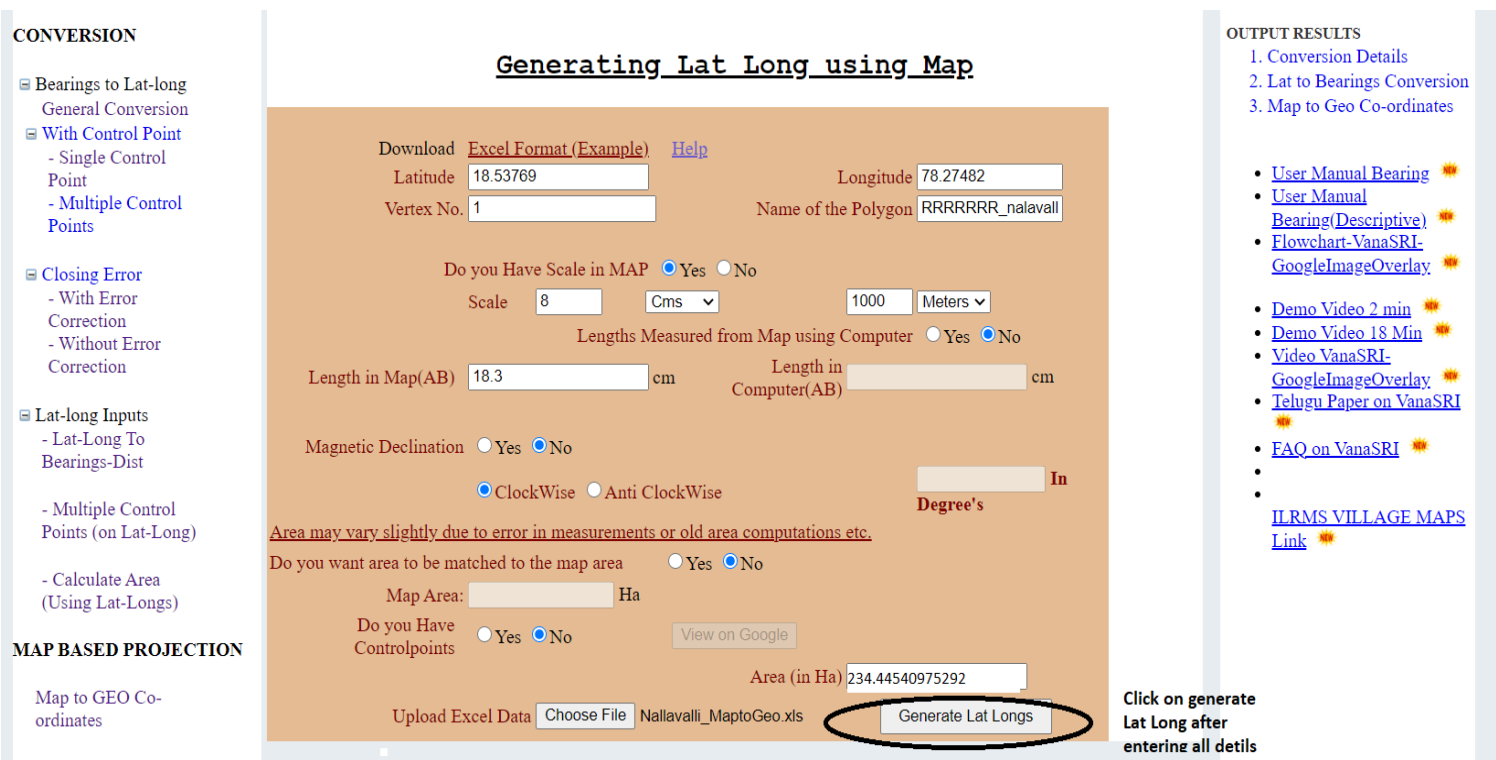
SLNO	DistanceFromA	DistanceFromB
1	8	10
2	9	12
3	12	9
4	15	7

Prepare ExcelSheet in (MS-Excel-2007) work book only (filename.xls)



Sl.No	DistanceFromA	DistanceFromB
1	25	26.5
2	25.2	26.3
3	25.3	25.8
4	24.3	24.8
5	24.3	24.1
6	24	24.1
7	23.5	23
8	23.1	22.3
9	21.3	20.1

After Giving All the inputs enter Generate Button below Latitude and Longitude and Area Displayed

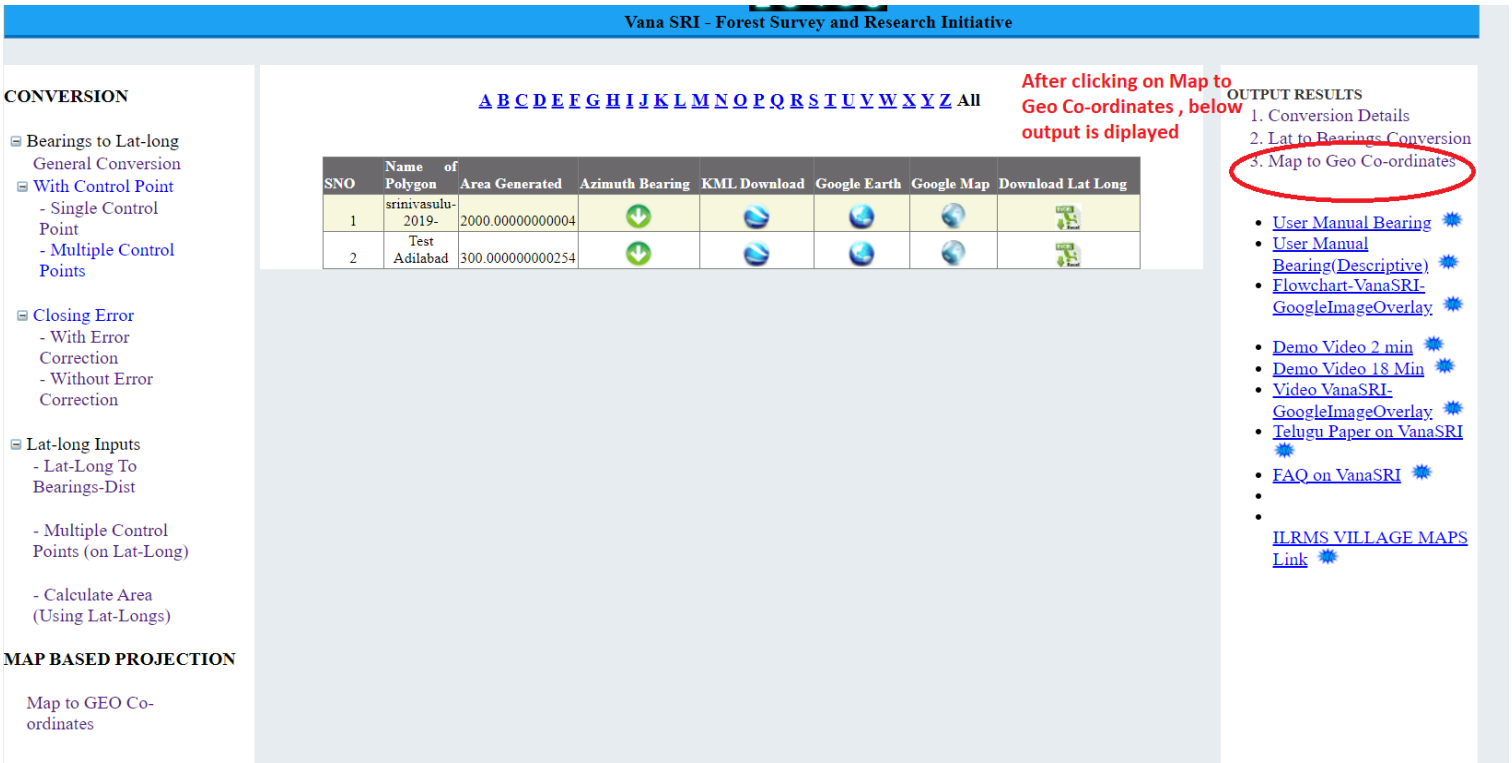


Output Screens

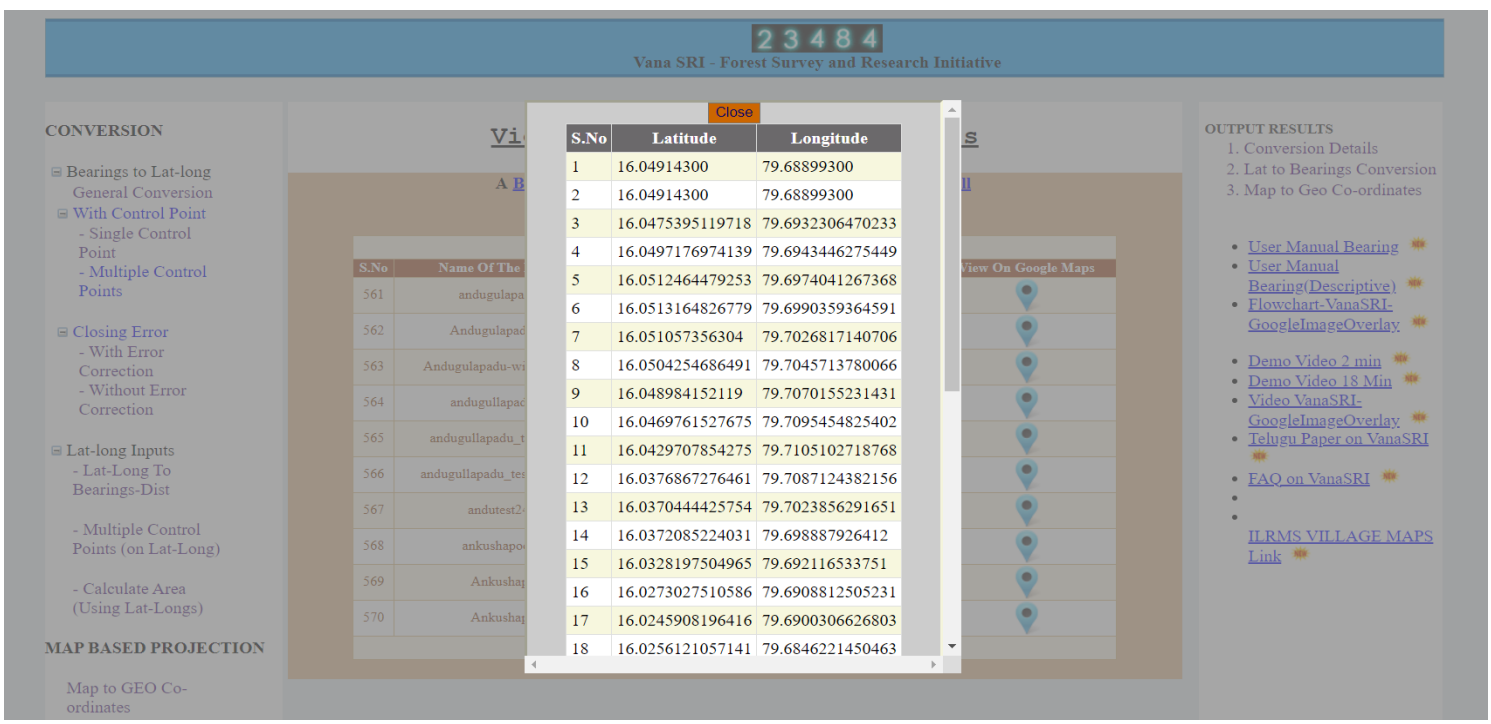
Conversion Details:

Click on Lat to Bearings Conversion:

Map to Geo Co-ordinate Output screen:

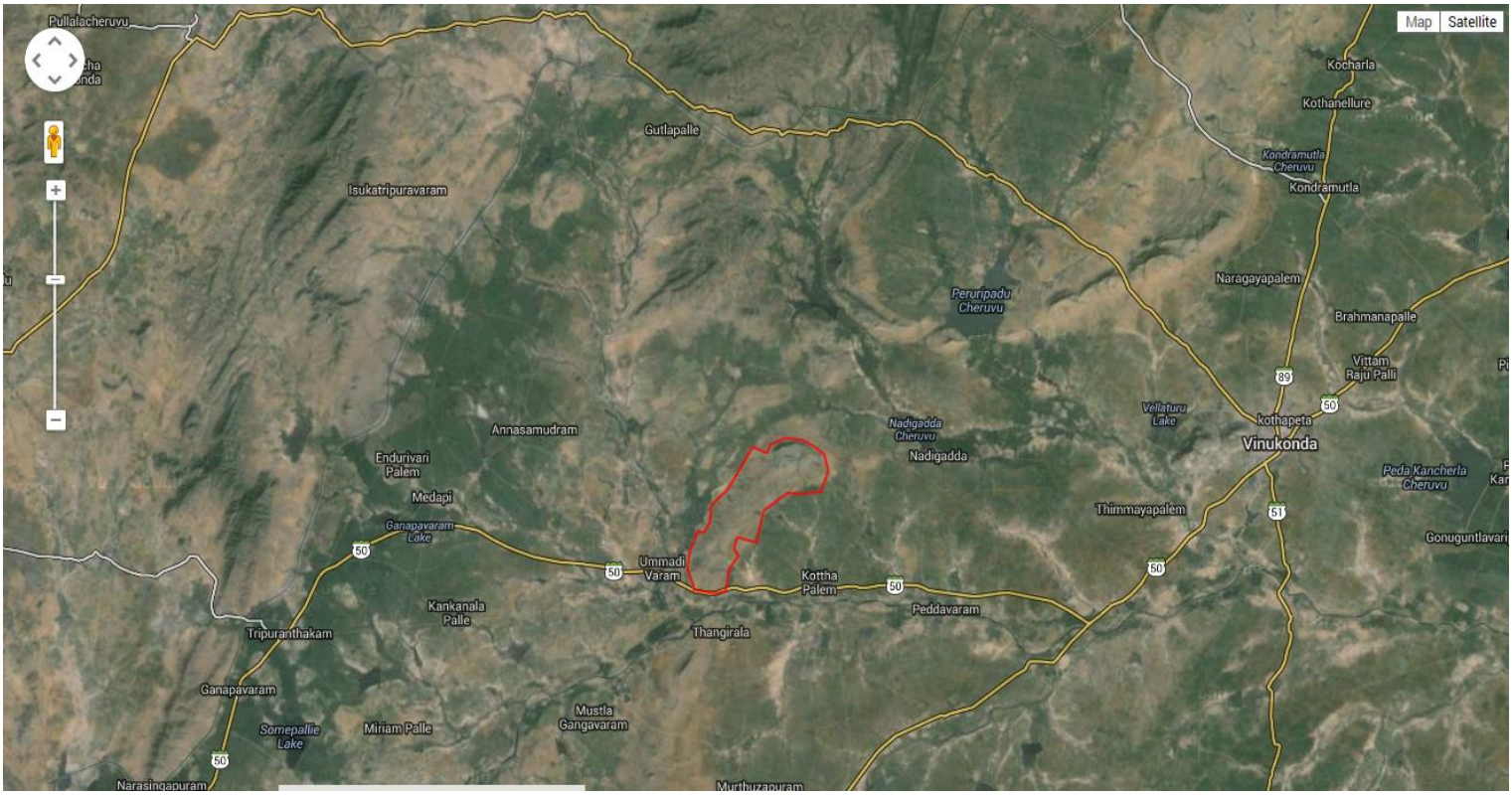


Click on View Points Click Generated latitude and Longitude Window Displayed



Click on Google Earth Click Map is displayed in Google earth

Click on Google Map Click Map is displayed in Google Map



Click on View Points on map Click is displayed in Points displayed in Google Earth