Training cum orientation program on Geo-informatics

Target Group	Assistant Professor of JNKVV, Jabalpur.
Date of Workshop	December 14-15, 2020
Time	11.30 a.m. – 1.30 p.m.
Location	CAE, JNKVV, JABALPUR

1. Objective

Online training on Remote Sensing& Geographical Information System under NAHEP-CAAST-CSDA Project for Faculty.

2. Participants

Participants – Dr. Amit Jha, Ajay Singh Lodhi, Dr. Vikas Jain, G.S. Tagore, Gulfishan Firdose Ahmed, Praveen Kumar Mishra, Satish Kumar Sharma, Smita Singh, Vivek Badhe.

Coordinator - Dr. S. K. Sharma (Co-PI, Research),

Dr. Popat Shivaji Pawar- Research Associate, Dr. Umakant Rawat (RA), Dr. Devendra Vasht (RA), Dr. Sourabh Nema, Ankit Yadav (RA), Aniket Rajput - SRF,

3. Brief description about content discussed during training

Welcome: A warm welcome to training programme by Dr. S.K. Sharma, coordinated the programme. Dr. S. K. Sharma, has presented Training cum orientation program on "Geoinformatics" has been organized for the Assistant Professors (Course Teachers of Subject Geo-informatics) from 14/12/2020 to 15/12/2020 under NAHEP-CAAST, at College of Agricultural Engineering, JNKVV, Jabalpur. During this training basic of remote sensing and GIS was covered with online session on GIS software (QGIS Software). The procedure for downloading satellite imagery from an open-source platform and basic processing of the satellite image using QGIS software were also covered during the training period. The pre and post training evaluation test was conducted for the assessment of training program. shares the presentation of Remote sensing process, Details about EMR Spectrum, Satellites, Sensors and space programs, About GPS, Brief about GIS and its functionalities, Image interpretations, Applied RS and GIS application in field of Agriculture, Opportunities in the field of RS and GIS, how to get the admission in Agriculture Education, Carrier opportunities and Scopes.

Concluding session: The programme was concluded by Dr. S. K. Sharma, and appreciated to the Faculty who tried to understand about Training cum orientation program on "Geoinformatics". Listening to any prominent personality in Training programme helps the participants to gain information. Certificates were distributed to the participants for successfully completing the online and offline training programme.

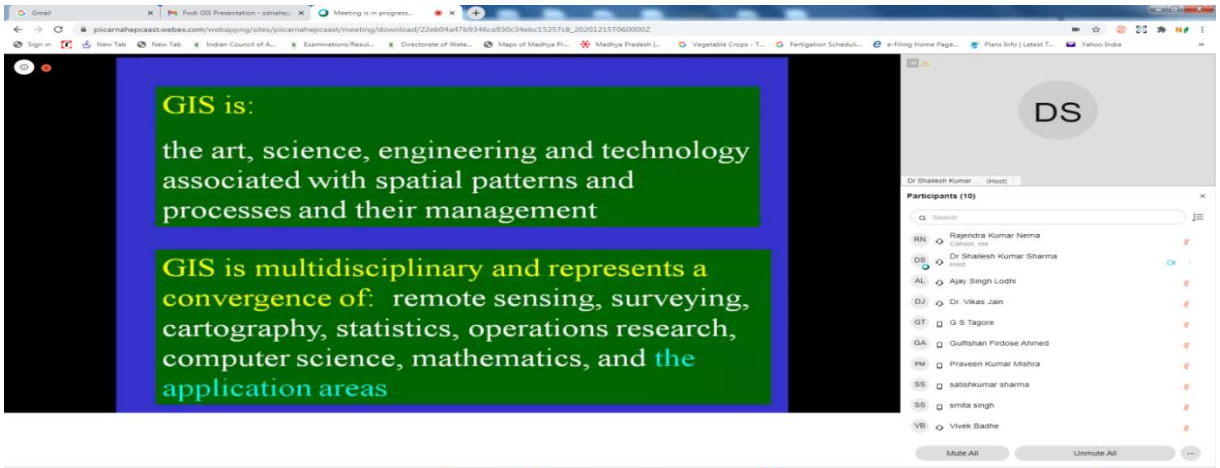
Output: Total 9 Faculties from the institute were benefitted by this training cum orientation program. A discussion on the research opportunities was also done to team up and work accordingly in this field.

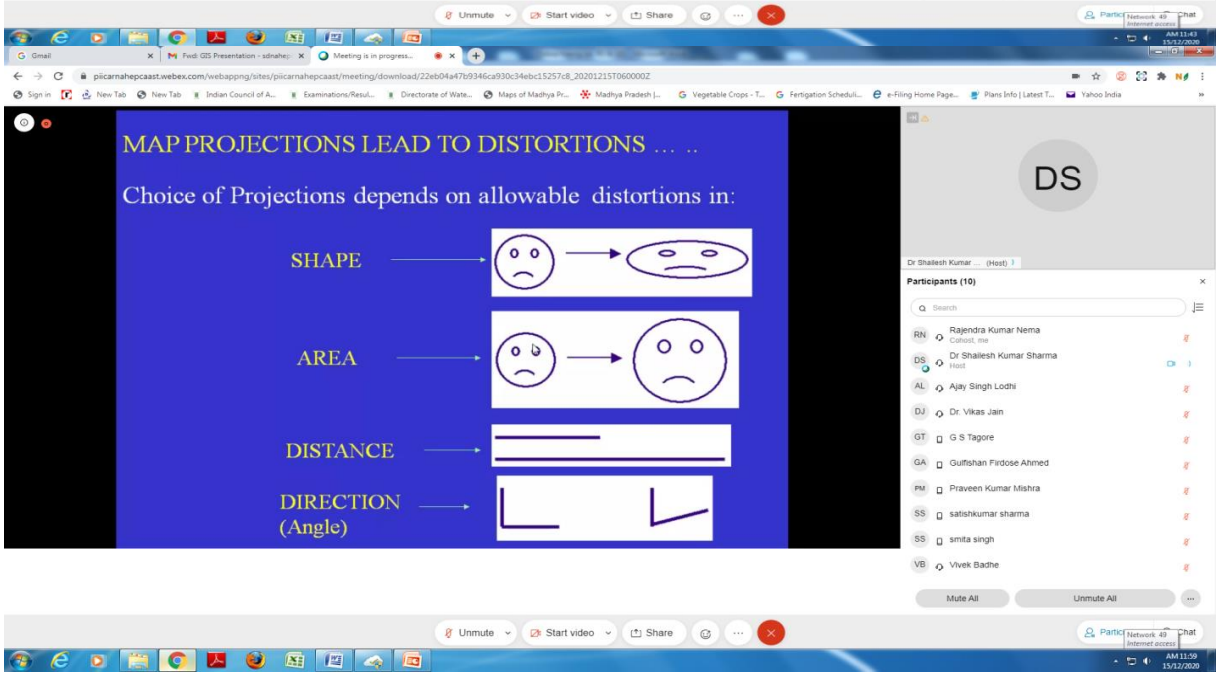
Training Schedule

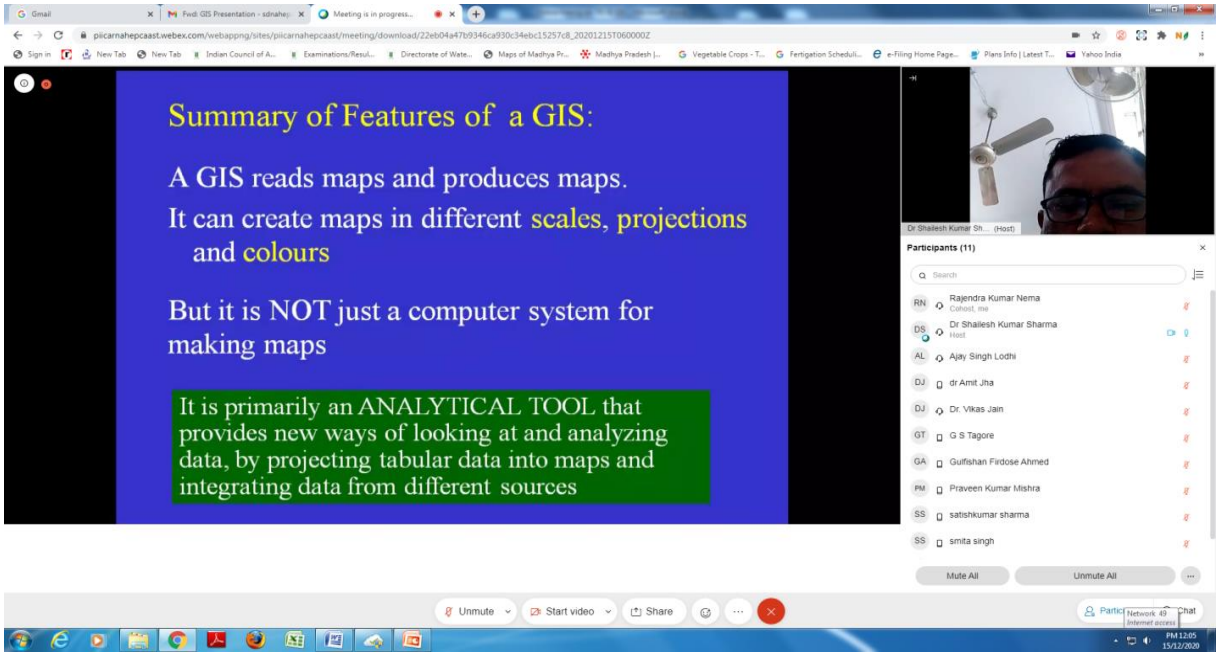
Sr. No.	**Date**	**Course Topics**	**Online/ Offline**
1	14th Dec	Basic of Remote Sensing & GIS	Online
2	15th Dec	Brief about GIS & its functionalities	Online

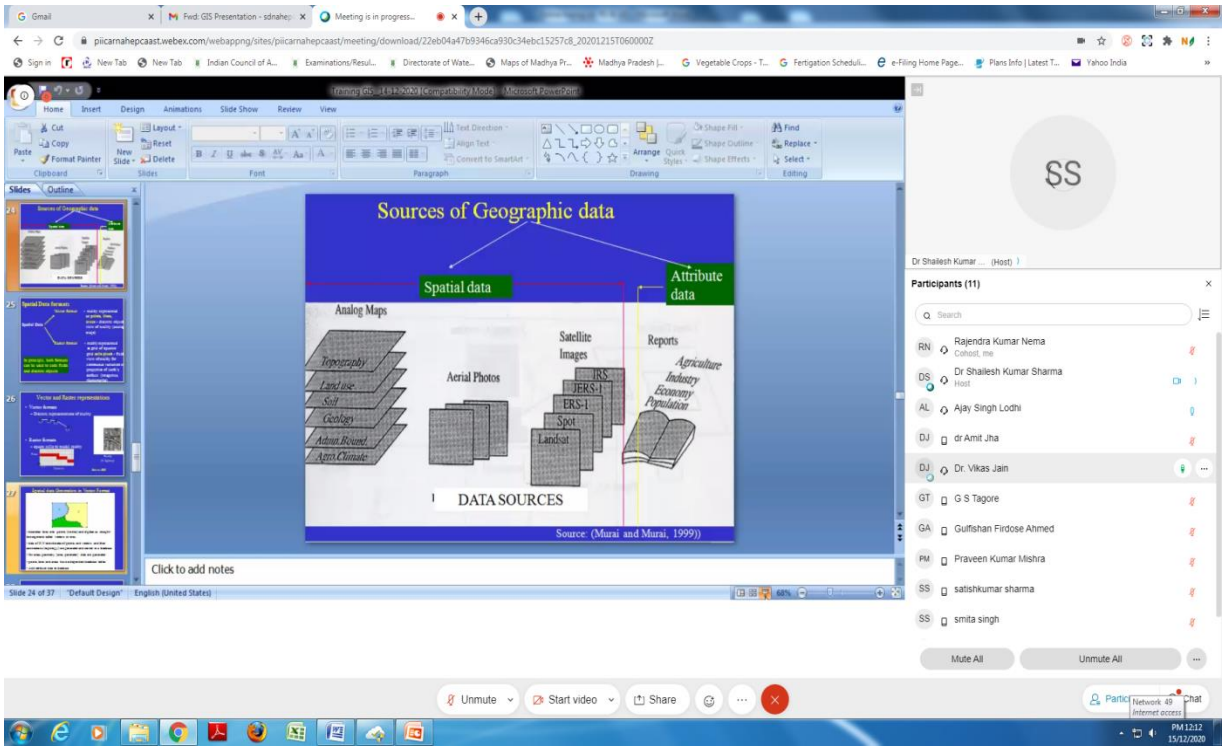
Distribution of participants

Table: Training cum orientation programme on Geo-informatics									
Number of Participants						% of participants in diff. category			
Gender	UR	SC	ST	OBC	Total	UR	SC	ST	OBC
Male	6	0	1	1	8	75.0	0.0	12.5	12.5
Female	1	0	0	0	1	100.0	0.0	0.0	0.0
Total	7	0	1	1	9	77.8	0.0	11.1	11.1






Summary of Features of a GIS:
A GIS reads maps and produces maps.
It can create maps in different scales, projections and colours
But it is NOT just a computer system for making maps
It is primarily an ANALYTICAL TOOL that provides new ways of looking at and analyzing data, by projecting tabular data into maps and integrating data from different sources
Participants (11)
Rajendra Kumar Nema
Dr Shailesh Kumar Sharma
Ajay Singh Lodhi
dr Amit Jha
Dr. Vikas Jain
G S Tagore
Gulfishan Firdose Ahmed
Praveen Kumar Mishra
satishkumar sharma
smita singh
Mute All
Unmute All
Unmute
Start video
Share


Sources of Geographic data
Spatial data
Attribute data
Analog Maps
Temporality
Land use
Soil
Geology
Admin.Bound.
Agro.Climate
Aerial Photos
Satellite Images
IRS
JERS-1
ERS-1
Spot
Landsat
Reports
Agriculture
Industry
Economy
Population
DATA SOURCES
Source: (Murai and Murai, 1999))
Click to add notes
Participants (11)
Rajendra Kumar Nema
Dr Shailesh Kumar Sharma
Ajay Singh Lodhi
dr Amit Jha
Dr. Vikas Jain
G S Tagore
Gulfishan Firdose Ahmed
Praveen Kumar Mishra
satishkumar sharma
smita singh
Mute All
Unmute All
Unmute
Start video
Share