

Hands on -Training on Geo-informatics

Target Group	Assistant Professor of JNKVV, Jabalpur.
Date of Workshop	December 14-18, 2020
Time	11.30 a.m. – 1.30 p.m.
Location	CAE, JNKVV, JABALPUR

1. Objective

Offline 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.

Programme Summary- Application of Remote Sensing and GIS in Agriculture

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 16/12/2020 to 18/12/2020 under NAHEP-CAAST, at College of Agricultural Engineering, JNKVV, Jabalpur. During this training basic of remote sensing and GIS was covered with Hands-on session on the open-source 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: Summed – up by Dr. S. K. Sharma, and appreciated to the Faculty who tried to understand about Hands on Training on “Geoinformatics”. Listening to any prominent personality in Training

programme helps the participants to gain information.

Output: At the end of this training research opportunities in the field of RS & GIS have been discussed. Certificates were distributed to the participants for successfully completing the online and offline training programme. Total 9 participants attended with 8 male participants and one female participant. Percentage of participants in different category was UR- 78%, SC- 0%, ST- 11% and OBC- 11%. The resource person in this programme was Dr S. K. Sharma.

Statistical 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

Training Schedule

Sr. No.	Date	Course Topics	Online/Offline
1	16th Dec	Open-source GIS software (QGIS Software)	offline
2	17th Dec	Downloading satellite image through open-source	offline
3	18th Dec	Process of satellite image using QGIS software	offline

