Online program "Introduction to Spatial Data Applications	
Date of Workshop	June 24, 2021
Time	11.30 pm – 1.30 p.m.
Location	CAE, JNKVV, JABALPUR

1. Objective

Introduction to Spatial Data Applications on June 24, 2021 under the NAHEP CAAST, JNKVV Jabalpur.

2. Participants

Technical staff- Dr. R.K. Nema, Dr. M.K. Awasthi, Dr. S.K. Sharma, Dr. R.N. Shrivastava, Dr. A.K. Bajpai, Dr. Shivran Krishnan, Dr. Shivram Krishnan, Dr. Rita Narvariya, Dr. Somnath Sarvade, Roshani Tiwari, Dr. S. S Agrawal, Dr. Yograjan, Dr.M.K.Hardaha, Dr. Deepak Rathi, Dr. S.B. Das, Pooja Goswami, Dr. Seema Narberia, Dr. Kamimi Bhist, Dr. Sourabh Nema, Dr. Minakshi Meshram,

3. Content of Events

Welcome	A warm welcome to by Dr. Shivran Krishnan, Professor, discussed about aim of Program. This session has been conducting in the effective leadership of Dean faculty of Agriculture Dr. D. Khare along with the Principal investigator NAHEP Dr. R K Nema. The program was organized under the guidance of Dr. M K Awasthi, and the program was efficiently coordinated by Dr. S.K. Sharma.
Programme Summary	NAHEP PI Dr. R.K. Nema has provided an overview of the project and highlighted the research opportunities in the field of spatial data to the participants. The ongoing/upcoming Skill Development training/awareness program information's were briefed by Dr. M.K. Awasthi to all the participants. Dr. S.K. Sharma initiated the online program by elaborating on the fundamentals of Remote Sensing. The Professors/Scientists from different Agriculture disciplines like Agricultural Economics and Farm Management, Agronomy, Entomology, Extension Education, Food Science and Technology, Forestry, Plant Breeding and Genetics, Plant Pathology, Soil Science, have attended the session
Discussion with participants	The Dean Faculty of Agriculture Dr. D. Khare has encouraged scientist/professor of different agriculture disciplines to highlight their issues and gaps in their respective fields in relevance to the Spatial Data application and explored the possible solutions with NAHEP CAAST team. Dr. Shivram Krishnan, Dr. Rita Narvariya, Dr. Somnath Sarvade, Roshani Tiwari, Dr. S. S Agrawal, Dr. Yograjan, Dr.M.K.Hardaha, Dr. Deepak Rathi, Dr. S.B. Das, Pooja Goswami and others put their points in the forum. There are few important issues that were highlighted, which will be quite useful for Agriculture researchers and end-users. The following issues were

	noted down and will be carried forward by NAHEP JNKVV Jabalpur team for possible solution through RS and GIS techniques. • Crop Classification and their respective area identification • Identification of Crop Varieties (i.e. Rice varieties Chinnor) using RS and GIS • Identification and Geotagging of organic farming areas • Biodiversity conservation identification • Locust (TIDDY) attack identification based on Temp/ weather condition/wind direction and location • Identification of Crop harvested field for cluster analysis used in cost of cultivation • Identification of Mango orchard wilting issue • Identification of pest infestation • Need of National/international training for faculties Dr. D. Khare highlighted the importance of such meeting in future as well and emphasized taking one agriculture discipline at one time to have a more concentrative discussion. The training was concluded with healthy remarks by all the participants highlighted the need for such programs in future.
Output of programme	A total of 46 professor/scientist/staff attended the training program

Distribution of participants

Introduction to Spatial Data Applications									
Number of Participants					**% of participants in diff. category**				
Gender	**UR**	**SC**	**ST**	**OBC**	**Total**	**UR**	**SC**	**ST**	**OBC**
Male	19	3	1	9	32	59	9	3	28
Female	8	2	1	3	14	57	14	7	21
Total	27	5	2	12	46	59	11	4	26

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Category	Male	Female	Total
Total	32	14	46
OBC	9	3	12
ST	1	1	2
SC	3	2	5
UR	19	8	27