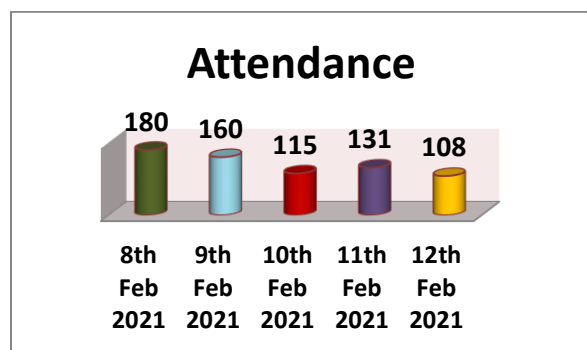
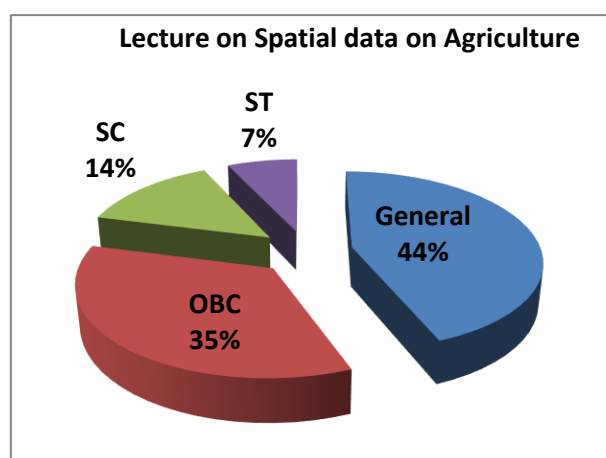
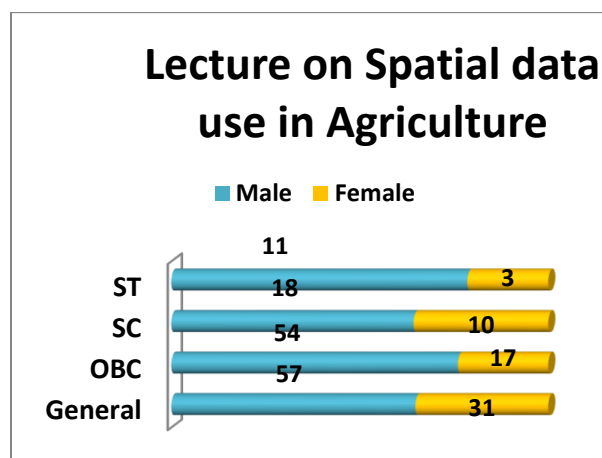


Lectures on Spatial Data use in Agriculture		
Target Group – Professors, Scientists, RA, SF, YP-II, PG and Ph.D. Students		
Date of Training	8 th Feb – 12 th Feb, 2021	
Time	10.30 am to 12.45 pm	
Location	CAE, JNKVV, JABALPUR	
1. Training Objective		
Lectures on Spatial Data use in Agriculture under NAHEP-CAAST-CSDA Project.		
2. Participants		
Coordinator - Dr. M.K. Awasthi, Co-PI, Dr. Sourabh Nema, Dr. Minakshi Meshram, Dr. Popat Shivaji Pawar, Dr. Umakant Rawat, Dr. Devendra Vasht, Pratiman Patel, Aniket Rajput, Anjali Patel, Rachit Nema, Krishna Singh, Pratima Pathak.		
3. Contents of event		
Date	Speaker	Course Topic
8 th Feb 2021 (Day 1)	Dr. Manish Nema, Scientist-D, NIH Roorkee	Basics of Remote Sensing (RS), Satellites Data and GIS
8 th Feb 2021 (Day 1)	Dr. Manish Nema, Scientist-D, NIH Roorkee	Hydrological application of remote sensing and GIS
9 th Feb 2021 (Day 2)	Dr. S K Jain, Scientist-G, NIH Roorkee	Remote sensing applications in sediment yield and reservoir sedimentation
9 th Feb 2021 (Day 2)	Dr. Manoj Kumar Jain, Professor & Head, Hydrology, IIT Roorkee	Land use and Land Cover classifications: Visual and Digital methods
10 th Feb 2021 (Day 3)	Dr. Suresh Kumar, Scientist-SG, IIRS Dehradun	RS applications in Soil Mapping and Land Use Planning
10 th Feb 2021 (Day 3)	Dr. N R Patel, Scientist-SG, IIRS Dehradun	Crop discrimination and Acreage estimation
11 th Feb 2021 (Day 4)	Dr. N R Patel, Scientist-SG, IIRS Dehradun	RS in crop condition Assessment: biotic & abiotic stress
11 th Feb 2021 (Day 4)	Dr. Dipanwita Haldar, Scientist-SD, IIRS Dehradun	Microwave RS in Crop Inventory
12 th Feb 2021 (Day 5)	Dr. N K Gontia, Professor & Dean, JAU, Jungaurh	RS in crop Yield Modelling : Spectral Vegetation Index based Yield Model
12 th Feb 2021 (Day 5)	Mr. Abhishek Danodia, Scientist-SD, IIRS Dehradun	RS and GIS applications in crop water requirement
Discussion with participants	During the course of training, there were many questions/queries asked by participants related to RS & GIS in relevance to the different aspect covered to this spatial data lecture series which has been satisfactorily answered by expert speaker.	
Outcome of training	Two hundred one participants registered for the course and out of these one hundred eighty students have undergone attend	

	the training on the subject. Total male participants were 140 and female participants were 61. The percentage of participants in different categories were UR- 44%, SC- 35%, ST- 14% and OBC- 7%.
Impact of training	PG students and faculty of university acquired knowledge of different aspect of exposed the basic of RS, satellites Data & GIS, Hydrological application of remote sensing, Land use and land cover classification: Visual & Digital methods, crop discrimination and acreage estimation, RS in crop condition assessment: biotic and abiotic stress, Microwave RS in crop inventory, RS & GIS application in crop water requirement.

Gender & Category wise Distribution of Participants-

Number of registered participants						Percentage of participants			
Category	General	OBC	SC	ST	Total	General	OBC	SC	ST
Male	57	54	18	11	140	41	38	13	8
Female	31	17	10	03	61	51	28	16	5
Total	88	71	28	14	201	44	35	14	7



Date	Attendance
8 th Feb 2021	180
9 th Feb 2021	160
10 th Feb 2021	115
11 th Feb 2021	131
12 th Feb 2021	108

