Fundamentals of Artificial Intelligence and Machine Learning					
Target Group – Professors, Scientists, RA, SF, YP-II, PG and Ph.D. Students					
Date of Training	21 st Jan – 30 st Jan, 2021				
Time	3.30 p.m. – 5.00 p.m.				
Location	CAE, JNKVV, JABALPUR				
A Table Oliver	•				

1. Training Objective

Python Training Program under NAHEP-CAAST-CSDA Project.

2. Participants

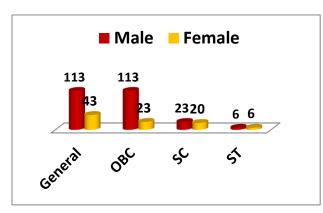
Coordinator - Dr. M.K. Awasthi, Co-PI, Dr. Sourabh Nema, Dr. Minakshi Meshram, Dr. Popat Shivaji Pawar, Dr. Umakant Rawat, Dr. Devendra Vasht, Pratiman Patel, Aniket Rajput, Anjali Patel, Rachit Nema, Krishna Singh, Pratima Pathak.

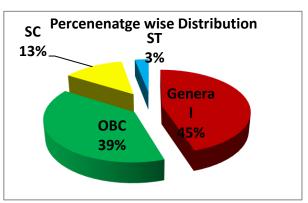
Contents of event

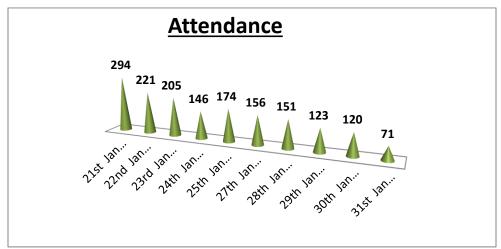
Date	Speaker	Course Topic			
21st Jan 2021 (Day 1)	Mr. Sathish Singh	Understanding - AI and Machine learning			
22 nd Jan 2021 (Day 2)	Mr. Sathish Singh	Feature extraction from images			
23 rd Jan 2021 (Day 3)	Mr. Sathish Singh	Classification using ML algorithms (KNN, SVM, ANN)			
24 th Jan 2021 (Day 4)	Mr. Sathish Singh	Classification using ML algorithms (KNN, SVM ANN)			
25 th Jan 2021 (Day 5)	Mr. Sathish Singh	Data pre-processing using python.			
27 th Jan 2021 (Day 6)	Mr. Sathish Singh	Introduction to deep learning			
28 th Jan 2021 (Day 7)	Mr. Sathish Singh	Understanding convolutional neural networks			
29 th Jan 2021 (Day 8)	Mr. Sathish Singh	Deploying CNN for classification of aerial images			
30 th Jan 2021 (Day 9)	Mr. Sathish Singh	Understanding object detection			
31 st Jan 2021 (Day 10)	Mr. Sathish Singh	Discussing recent trends in AI			
4. Discussion with Participants	This AI and Machine Learning certification course is ideal for working professionals with programming knowledge. It covers key concepts like				

sionals with programming knowledge. It covers key concepts like statistics, machine learning, deep learning, NLP, and reinforcement learning. This program is delivered through our interactive learning model with live sessions by Cisko WebEx platform. Thank you for a great course of training conducted by NAHEP-CAAST-CSDA. During the program the participants were trained on advanced system administration options in fundamentals of artificial intelligence and machine learning, Great presentation style with lots of opportunities to

		ask questions and talk about artificial intelligence.							
5. Impact of	training	Three hundred forty-seven participants registered for in fundamentals of artificial intelligence and machine learning and out of these two hundred ninety-four students have attended on training on the subject. Total male participants were 255 and female participants were 92 and percentage of participants in different categories were UR- 45%, SC- 13%, ST- 3% and OBC- 39%. As per feedback received from participants, 72% respondent found AI & ML techniques interesting and learnt new things. 58% respondent rated training as excellent and 30% rated the good experience of the lecture topics.							
		Ī	Distribu	tion of p	articipar	nts			
Category	General	ОВС	SC	ST	Total	General	ОВС	SC	ST
Male	113	113	23	06	255	44	44	9	2
Female	43	23	20	06	92	47	25	22	6
Total	156	136	43	12	347	45	39	13	3







Date	Attendance
21 st Jan 2021 (Day 1)	294
22 nd Jan 2021 (Day 2)	221
23 rd Jan 2021 (Day 3)	205
24 th Jan 2021 (Day 4)	146
25 th Jan 2021 (Day 5)	174
27 th Jan 2021 (Day 6)	156
28 th Jan 2021 (Day 7)	151
29 th Jan 2021 (Day 8)	123
30 th Jan 2021 (Day 9)	120
31st Jan 2021 (Day 10)	71

