



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA
FDP
On
USAGE OF SMART TOOLS IN AGRICULTURE

DATE AND VENUE: 13th May to 17th May, 2019, Centurion University of Technology and Management (CUTM), Paralakhemundi campus.

ABOUT RESOURCE PERSON:: Dr. Sagar Maitra, Associate Professor & Head in Agronomy Dept. at M S Swaminathan School of Agriculture, CUTM, Paralakhemundi campus. He is having a vast research experience in the field of Smart Agriculture and Smart tools application in Agriculture. He has published many articles in reputed international and national journals.

ABOUT THE SESSION:

A total of 30 faculty members from the departments of Agronomy, Genetics & Plant Breeding, Agril. Extension, Entomology, Plant Pathology, Soil Science and Horticulture of Paralakhemundi, campus attended the program actively. The topic covered smart tools like remote sensors, drones, IoT, GIS & GPS etc., in agriculture and allied sector. The entire interactive sessions were conducted in Seminar Hall and exposure visit to field followed by Labs. Related study materials were prepared and distributed among all participants for future reference. Overall, the FDP was well-planned, informative, interactive, and enriched with knowledge level of faculty members. My sincere gratitude to Dr. Sagar Maitra, Associate Professor & Head in Agronomy Dept. for sharing his rich experience and his untiring discussions throughout the 5 days of this FDP. I am also thankful to Prof. Chitrasena Padhy Asst. Professor, Dept. of Agril. Extension for assisting the participants throughout the sessions and My gratitude to all faculty members for providing us the laboratory facilities and extending all supports to conduct the practice sessions.

OBJECTIVES:

1. To boost the productivity by using smart tools in Agriculture
2. Automatic adjustment of farming equipment made possible by linking information like crops/weather and equipment to auto-adjust temperature & humidity, etc.
3. Drone helps to receive the current status of crop and send the live pictures of farmland.

OUTCOME:

After the FDP, the faculty members learnt about the importance of smart tools and its application and they shared information to B.Sc. and M.Sc. students. And this FDP educated to many faculty that how to reduce the drudgery of farmers and to boost the productivity & income level of the farming community.

Comments and suggestions:

- i. Session was very much useful as it discussed about current smart agriculture practices.
- ii. Many faculty members suggested to conduct more FDPs on Smart tools which enhance knowledge level

List of faculty members attended in FDP on USAGE OF SMART TOOLS IN AGRICULTURE

Sl. No	Name of the faculty	Signature
1.	Dr. Niranjan Barik	
2.	Dr. Kalidindi Krishnam Raju	
3.	Dr. Venkata Satish Kuchi	
4.	Mr. Chitrasena Padhy	
5.	Ms. Abhinandita Saboo	
6.	Ms. Deepthi Chandaka	
7.	Dr. T. Divya Bharathi	
8.	Dr. Nilanjana Datta	
9.	Dr. K. Mallikarjunarao	
10.	Mr. Ajay Kumar Prusty	
11.	Dr. Shrabani Barik	
12.	Mr. Santosh Kumar Lenka	
13.	Dr. D. Singu Devika Rani	
14.	Dr. K. Anil Kumar	
15.	Dr. Pradipta Banerjee	
16.	Dr. D. Singu Devika Rani	
17.	Dr. Samapika Dalai	
18.	Mr. Manisankar Bera	
19.	Dr. Venkata Satish Kuchi	
20.	Dr. Sandeep Rout	
21.	Dr. Siddhartha Das	
22.	Dr. Praveen Kumar	
23.	Dr. Shridevi Valamannavar	
24.	Dr. Hari Ram Kumar Bandi	
25.	Dr. Pedda Ghouse Peera S.K.	
26.	Dr. Satarupa Modak	
27.	Dr. Subhashisa Praharaj	
28.	Dr. Ria Mukhopadhyay	
29.	Mr. B. Chakrapani	
30.	Dr. Pushpalatha G.	

Dr. Prasanta Ku. Mohanty
Dean Academic

Prof. KVD Prakash
Dean - IIE & HRD