



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA
FDP
on
“Designing and application of IoT in protected cultivation”
(5th to 9th February, 2018)
REPORT

No. of Participants: 24

DATE AND VENUE: 5th to 9th February, 2018, Centurion University of Technology and Management (CUTM), Paralakhemundi campus.

ABOUT RESOURCE PERSON:

Mr. Ashish Ranjan Dash is a Research Associate in the Department of Electrical Engineering at National Institute of Technology Rourkela under the project sponsored by Council of Scientific and Industrial Research (CSIR), India and has vast experience on sensor designing and cloud technology.

ABOUT THE SESSION:

A total of 24 faculty members from M.S. Swaminathan School of Agriculture, Paralakhemundi campus attended the program. The topics like: Introduction on IoT, Importance of IoT in agriculture, hands on practice in coding and installation of IoT sensors in protected cultivation. The entire interactive lecture sessions were conducted in CUTM board room 2. Overall the FDP was well-structured, informative, interactive, and enriched with knowledge. I owe my gratitude to Mr. Ashish Ranjan Dash for delivering the contents relentlessly and his untiring discussions throughout 5 days of this FDP. I am also thankful to Dr. S.P. Nanda, Dean, MSSSoA for valuable presence throughout the FDP. I am grateful to Dr. Sagar Maitra, HoD, Dept. of Agronomy for extending all support to conduct this session.

OBJECTIVES:

1. To give a brief introduction on IoT in agriculture
2. To teach basics of different IoT sensors and cloud technology
3. To demonstrate coding and installation of IoT sensors in protected cultivation
4. To demonstrate the storage of data using cloud services

OUTCOME:

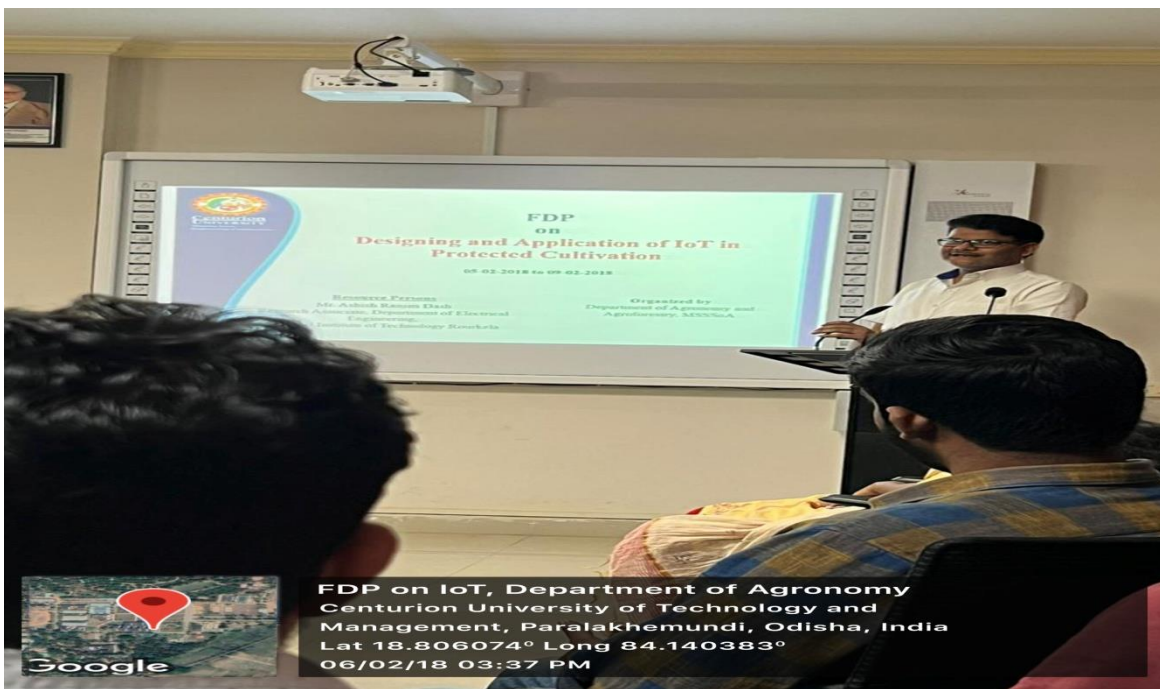
After the conduction of this FDP, the faculty members would be well acquitted with basic IoT knowledge and application of IoT in protected cultivation.

Comments and suggestions:

- i. This FDP was very beneficial to all the faculty members.
- ii. This type of interactive and participatory FDP in other fields/topics should be arranged at least twice a year to advance and update the knowledge of faculty members.



Introduction to IoT sensors and cloud technology



Interaction with participants



Centurion
UNIVERSITY
*Shaping Lives...
Empowering Communities...*

FDP

on

**Designing and Application of IoT in
Protected Cultivation**

05-02-2018 to 09-02-2018

Resource Persons

Mr. Ashish Ranjan Dash
Research Associate, Department of Electrical
Engineering,
National Institute of Technology Rourkela

Organized by

Department of Agronomy and
Agroforestry, MSSSoA

Brochure Of the event



Centurion University of Technology and Management, Odisha

FDP ON

Designing and application of IoT in protected cultivation

Date: 05-02-2018 - 9-02-2018

SL. NO.	NAME	FULL SIGNATURE
1	Mr. DURGADATTA MEHER	D.D Meher
2	Ms. GAYATREE MISHRA	G. Mishra
3	Dy. ATANU DEB	Atanu Deb
4	Prof. GOURANGIA CH. MISHRA	G. Mishra
5	Dy. PUSHPALATA GHANESH	P. Ghansha
6	Dy. TANMOY SHANKAR	Tanmay Shankar
7	Dy. ARUNABHA PAL	A. Pal
8	Dr. MONOTOSA DAS BAIRAGYA	M. Das Bairagya
9	Ms. SWETALINA MOHAPATRA	S. Mohapatra
10	Dr. AMIR PRASAD BEHERA	A. Behera
11	Mr. ABHILASH BEHERA	Abhilash
12	Mr. SURAT KUMAR BEHERA	S. Behera
13	Prof. M. DEVENDER REDDY	M. Devender Reddy
14	Ms. PREETA BHADRA	P. Bhadra
15	Mr. RATEEB BEHERA	R. Behera
16	Mr. N. MOHAN SATYAKAR RAO	N. Mohan Satyakar Rao
17	Ms. SONIA PANIGRAHI	S. Panigrahi
18	Dr. SANDEEP ROUT	Sandeep Rout
19	Prof. P. SATYANARAYANA RAJU	P. Satyanarayana Raju
20	Dr. AJAY PRUSTY	A. Prusty
21	Ms. JNANA BHARTI PALAI	J. Palai
22	Dr. JYOTI PRAKASH RATH	J. Prakash Rath
23	Ms. ABHINANDITA SAHOO	Abhinandita
24	Ms. V. RAMA LAKSHMI	V. Ramalakshmi

Prof. KVD Prakash
Dean - IIE & HRD

Dr. Prasanta Ku. Mohanty
Dean Academic