



**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT,
ODISHA FDP**

on
**“Yield prediction using CERES rice modelling under changing
environments” (04th to 08th February, 2018)**

REPORT

No. of Participants: 22

DATE AND VENUE: 04th to 08th February, 2018, Centurion University of Technology and Management (CUTM), Paralakhemundi campus.

ABOUT RESOURCE PERSON:

Dr M.Devender Reddy is a doctorate from IIT, Kharagpur, India, and retired as Director, Water Technology center, Acharya N.G.Ranga Agricultural University (Formerly, A.P.Agricultural University), Hyderabad. After Completion of his studies in 1982 Joined as Scientist at CRRI, Cuttack (ICAR) and worked there till 1989. Later on worked at ANGRAU, Regional Agricultural Research Station, Jagtial as associate professor (1989 -96), PI and head of weed control, (1996-01), cropping systems (2002-2005) programme at Hyderabad. During 2005-06, he was Prof and Head Agronomy. From June 2006 to Feb 2012 as Head/ Director, water Technology Centre, at ANGR Agril. Univ. established the Centre, conducted research on Sustainable water resource management (Ground water), irrigation performance assessment of projects through remote sensing and GIS, micro irrigation, and development of less water consuming production systems. From Nov 2016 till date working as Dean, M.S.Swaminathan School of Agriculture, Centurion University of Technology and Management, Odisha

ABOUT THE SESSION:

A total of 22 faculty members from M.S. Swaminathan School of Agriculture, Paralakhemundi campus attended the program. The topics are: Role on crop modeling in agriculture, Calibration of genetic coefficients using GENCALC, input file preparation in CERES rice model and Yield prediction in different modified climatic scenarios. 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 Prof. M.Devender Reddy 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 crop modeling
2. To teach basics of calibration of genetic coefficients
3. To demonstrate input file preparation in CERES rice model
4. To demonstrate the sensitivity analysis

OUTCOME:

After the conduction of this FDP, the faculty members would be well acquainted with the basics of crop growth modeling in rice.

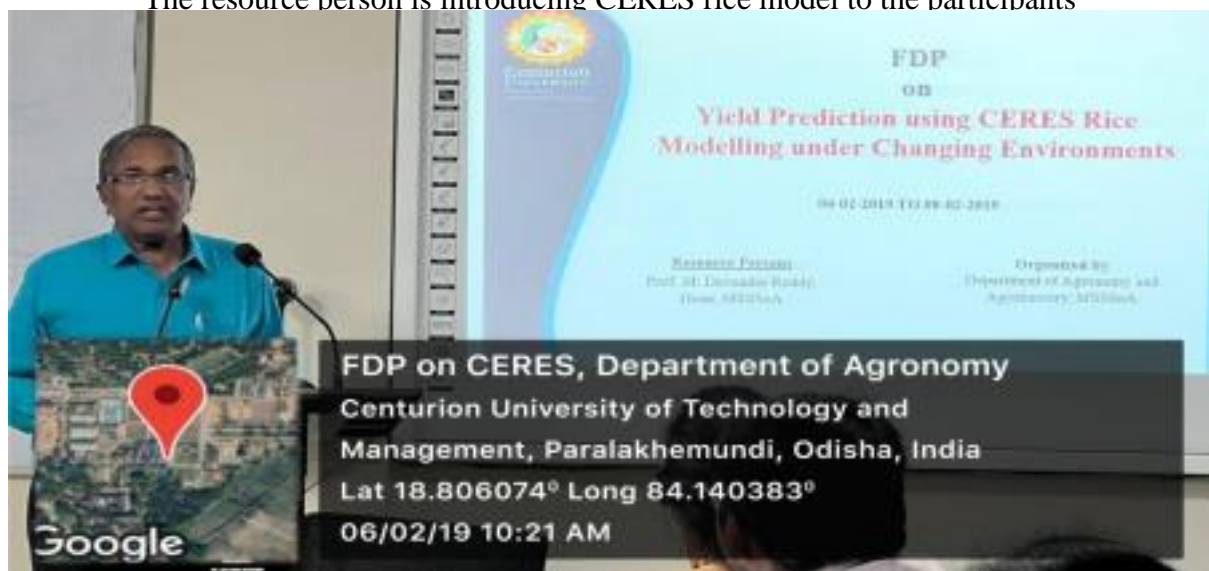
Comments and suggestions:

- 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.



The resource person is introducing CERES rice model to the participants



Dr. Devender Reddy clearing the doubts raised by the participants



Centurion
UNIVERSITY
Shaping Lives,
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FDP

on

Yield Prediction using CERES Rice

04-02-2019 TO 08-02-2019

Resource Persons

Prof. M. Devender Reddy

Organized by

Department of Agronomy

Attendance Sheet

Sl. No.	Name	Signature
1	Premkanth Mohanty	Premkanth Mohanty.
2	Sukanth kumar saho	Sukanth kumar Sahoo
3	Snehaprava das	Snehaprava das
4	Keshab Chandra panda	Keshabchandra.
5	Tapan Kumar Sahoo	Tapan Ku Sahoo
5	Sushree Mahapatra	Sushree Mahapatra.
7	Krushna Chandra Sahoo	Krushna Chandra
8	Suchismita Swain	Suchismita Swain
9	Sushree Sangita Sahoo	Sushree Sangita Sahoo
10	Jitendra Kumar Bastia	Jitendra Bastia.
11	Sisir Kumar Padhiary	Sisir Kumar padhiary
12	Narmada Kumari Nayak	Narmada Nayak.
13	Badana Sahoo	Badana Sahoo
14	Sanjaya Kumar Muduli	Sanjayakuduli.
15	Lokesh Roy	Lokesh Roy.
16	Mrutyunjaya Behera	Mrutyunjaya Behera
17	Sangram Keshari Dash	Sangram Dash.

18	Gayatree Rout	Gayatree Rout.
19	Sujata Bachi	Sujata Bachi
20	Manas Ranjan Rout	Manas Ranjan Rout
21	Hemanta Kumar Barik	Hemanta Barik
22	Aswini Kumar Biswal	Aswini Kumar Biswal
23	Pravat Kumar Jena	Pravat Kumar Jena
24	Sushansu Sekhar Mohanty	Sekhar Mohanty



Dr. Prasanta Ku. Mohanty
Dean Academic



Prof. KVD Prakash
Dean - IIE & HRD