



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA

FDP

on

Informatics as a potential tool for solving global agricultural problems

Report

No. of participants: 23

DATE AND VENUE: 07th to 11th July, 2018, Centurion University of Technology and Management (CUTM), Paralakhemundi campus.

RESOURCE PERSON: Dr. Amrita Kumari Panda

Dr. Amrita Kumari Panda, Ph.D., is currently working as an Assistant professor of biotechnology at the Department of Biotechnology, Sant Gahira Guru Vishwavidyalaya Sarguja, Chhattisgarh, India. She obtained her doctoral degree in biotechnology from Berhampur University, Odisha, India. Dr. Panda received fast track postdoctoral fellowship from Science and Engineering Research Board, Govt. of India, New Delhi. She has more than 8 years of research experience in the field of molecular microbiology and microbial diversity and published several research papers and review articles in national and international peer-reviewed journals. She received Federation of European Microbiological Society (FEMS) Meeting grant award in the year 2014. Her research interest includes metagenomics and microbial diversity.

Agriculture becomes an important and valuable concern for each and everyone due to its importance in our daily lives. Without agriculture and particularly cultivation and farming it is difficult to survive and in this context it is essential to have better healthy agricultural systems throughout. More importantly, there should be proper mechanisms in healthy and modern agricultural development. The method of agriculture is changing rapidly and growing with the support of different tools and technologies such as genetic technologies, information technology & computing, nanotechnology, management science etc. The interaction and applications of information technology and computing have led to the advent of a subject called Agricultural Informatics.

Objective:

The FDP on “Informatics as a potential tool for solving global agricultural problems” was organized to meet the following objectives:

- To gain an idea on Agricultural Informatics with its evolution
- To learn about Agricultural Informatics with the emerging functions and allied nomenclature of this field
- To know about job opportunities in the field of Agricultural Informatics and also available academic programs in this field
- To provide knowledge regarding the integration of Agricultural Informatics programs in emerging engineering technologies in international and indian scenario
- To discuss the issues, challenges, possible solutions with reference to the allied fields and emerging technological utilizations and education

The FDP witnessed the participation of **23** faculty members from the school of Agriculture, school of Engineering and technology, school of Applied sciences and school of Management and contributed towards the understanding of:

- The growth of nutritional systems, including the global agro- business development
- Food security for all
- Importance of better agro systems and growth
- Weather forecasting systems
- Agro Marketing and supply-chain systems



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ATTENDANCE SHEET

Sl. No.	Name	Signature
1	Dr. Tanmoy Shankar	Tanmoy Shankar
2	Dr. Raghu Gogada	Dr. Raghu Gogada
3	Dr. Koustava Kumar Panda	Dr. Koustava Kumar Panda
4	Dr. Puspaltha G	Puspaltha G.
5	Dr. Dinkar Gaikwad	Dinkar Gaikwad
6	Dr. Amir Prasad Behera	Amir Prasad Behera
7	Dr. Jayakishan Meher	Dr. Jayakishan Meher
8	Dr. B. Praveen	B. Praveen
9	Dr. Abhinandita Sahu	Abhinandita Sahu
10	Dr. Prajna Pani	Dr. Prajna Pani
11	Dr. Preetha Bhadra	Preetha Bhadra
12	Dr. Narayan Gouda	Narayan Gouda
13	Dr. Dojalisa Sahu	Dojalisa Sahu
14	Mr. Kartik Paramanik	Mr. Kartik Paramanik
15	Dr. B.P. Mishra	Dr. B.P. Mishra
16	Ms. Gyanabharati Palei	Gyanabharati Palei
17	Dr. Priyadarshini Mohapatro	Priyadarshini Mohapatro

18	Dr. Pratibha Rani Deep	Pratibha Rani Deep
19	Dr. Rahul Adhikari	Rahul Adhikari
20	Ms. Madhuri Pattnaik	Madhuri Pattnaik
21	Dr. Arunabha Pal	Arunabha Pal
22	Dr. Sagar Maitra	Sagar Maitra
23	Dr. Prafulla Kumar Panda	Prafulla Kumar Panda