



Workshop on

Application of GIS for Agriculture

Date: 14th July 2018 - 16th July 2018

Resource Person (s):

Vishal Kumar Singh- Project Executive

Mr. Vishal Singh is working as a Project Executive in Gram Tarang Technologies at Centurion University of Technology & Management, Odisha. He has been associated in several real time projects based on GIS, 3D modelling Structures across the country.

Ashish Kumar Modi- Project Executive

Mr. Ashish Kumar Modi is working as a Project Executive in Gram Tarang Technologies at Centurion University of Technology & Management, Odisha. He has been associated in several real time projects based on GIS, 3D modelling Structures across the country.

Kalpataru Das- Project Associate

Mr. Kalpataru is working as a Project Associate in Gram Tarang Technologies at Centurion University of Technology & Management, Odisha. He has been associated in several real time projects based on GIS, 3D modelling Structures across the country.

Organizer:

**M.S. Swaminathan School of Agriculture and School of Engineering & Technology
Centurion University of Technology and Management, Paralakhemundi**

No. of Participants: 75

About the Workshop

As we all are enrolling and encouraging advanced technology for the betterment of students' study and empowering them with skills. Geographic Information System (GIS) is a very advanced and critically important technology for preparation of data base with georeferenced label and also very much applicable for preparation of Agricultural maps, cadastral map, climate map, economic and resource map, physical map, political map, road map, topographic map and others. Geographic Information system plays vital role in field of agriculture, now several companies are doing GIS based project like preparation food processing database, crop cultivation properties distribution, preparation of farms maps etc. Geographic Information Systems are incredibly helpful in being able to map and project current and future fluctuations in precipitation, temperature, crop output, and more. By

mapping geographic and geologic features of current (and potential) farmland scientists and farmers can work together to create more effective and efficient farming techniques; this could increase food production in parts of the world that are struggling to produce enough for the people around them. GIS can analyse soil data combined with historical farming practices to determine what the best crops to plant are, where they should go, and how to maintain soil nutrition levels to best benefit the plants. Geographic information science is the science underlying geographic concepts, applications and system. Geographic Information Systems (AGIS) can map not only topography and crop health, but help solve wider economic issues in municipalities and urban centres that may stem from rural farming practices.

Objective of the Workshop

This workshop is intended to facilitate a sound knowledge of geographic information system and its application in Quantum GIS software.

Outcomes of the Workshop

The participants are able to

- map and project current and future fluctuations in precipitation, temperature, crop output, and more.
- can work together to create more effective and efficient farming techniques;
- increase food production in parts of the world that are struggling to produce enough for the people around them.
- can analyse soil data combined with historical farming practices to determine what the best crops to plant are, where they should go, and how to maintain soil nutrition levels to best benefit the plants.

Photographs of the Workshop:



Photograph of the on-going Workshop Application of GIS for Agriculture

Brochure related to the event:


Centurion
UNIVERSITY

Workshop on
Application of GIS for Agriculture

Date: 14.07.2018 – 16.07.2018

Organised by :
Centurion University of Technology & Management, Paralakhemundi

Resource Person (s)

Vishal Kumar Singh- Project Executive,
Ashish Kumar Modi- Project Executive
Kalpataru Das- Project Associate
Centurion University of Technology and Management

centurion university of technology and management
Shaping Lives... Empowering Communities...

List of participants:



Centurion University of Technology and Management
Workshop on "Application of GIS for Agriculture"

Date: 14th July 2018 - 16th July 2018
Attendance Sheet

Sl.No	Name of Participant	Signature
1	Dr. Sagar Maitra	Sagar Maitra
2	Dr. Dinkar Gaikwad	Dinkar Gaikwad
3	Dr. Sivala Kumar	Sivala Kumar
4	Dr. Abha Manohar K.	Abha Manohar K.
5	Dr. Anindita Roy	Anindita Roy
6	Dr. Arunabha Pal	Arunabha Pal
7	Dr. Bornali Borah	Bornali B.
8	Dr. M. Chandra Surya Rao	Chandra
9	Dr. Rahul Adhikary	Rahul Adhikary
10	Dr. Nihal. R	Nihal
11	Mr. L.Sagar	L.Sagar Lalichetti
12	Ms. Jnana Bharati Palai	Jnana Palai
13	Dr. Santosh D.T	Santosh
14	Mrs.V. Rama Lakshmi	V. Rama Lakshmi
15	Dr. Ritesh Kumar	Ritesh
16	Dr. Samapika Dalai	Samapika
17	Mr. Santosh Kr. Lenka	Santosh Lenka
18	Dr. Shiva Kumar Udayana	Shiva Udayana
19	Dr. Smaranika Mohanta	Smara
20	Dr. Subhasisha Praharaj	Subhasisha Praharaj
21	Mr. Subhrajyoti Chatterjee	Subhrajyoti Chatterjee
22	Sudhansubala Nayak	Sudhansubala
23	Ms. Sunna Deepti	Sunna
24	Mr. Subhakar Debnath	Subhakar
25	Dr. Tanmoy Shankar	Tanmoy Shankar
26	Mr. Triptesh Mondal	Triptesh

		Deepa
27	Mr. Deepayan Padhy	Deepayan
28	Ms. Lipsa Das	L. Das
29	Mr. Amit Biswas	Amit Biswas
30	Mrs. Sonia Panigrahi	S. Panigrahi
31	Ms. Upasana Sahu	U. Saha
32	Dr. M. Viswanath	M. Viswanath
33	Mr. Monishankar Bera	Monishankar Bera
34	Ms. Barsha Tripathy	Barsha
35	Dr. Raghu Gogada	Raghu
36	Dr. K. Grihalakshmi	Grihalakshmi
37	Dr. Rukmini Mishra	R.K. Mishra
38	Dr. Debanjana Saha	Debanjana
39	Dr. Koustava Panda	K. K. Panda
40	Mrs. Bhagyeeswari Behera	Bhagyeeswari
41	Dr. Krishnam Raju	Krishnam Raju
42	Dr. Sutar Suhas Bharat	Sutar
43	Dr. Satyabrata Nanda	Satyabrata Nanda
44	Dr. Ranjan Kumar Sahoo	Ranjan
45	Dr. Pratibha Rani Deep	Pratibha
46	Dr. Pushpalatha Ganesh	Pushpalatha
47	Dr. Praveen Kumar	Praveen Kumar
48	Dr. Sitaram Swain	Sitaram
49	Mr. Durgadatta Meher	Durgadatta
50	Dr. Siddhartha Shankar Sharma	Siddhartha
51	Dr. Sanghamitra Rout	Sanghamitra
52	Dr. Jayakishan Meher	Jayakishan
53	Mr. Pradip Kumar Prusty	Pradip Kumar

54	Mr. Gagan Kumar Panigrahi	
55	Ms. Kajal Samantara	Kajal Samantara
56	Mr. Srimay Pradhan	Srimay Pradhan
57	Dr. Niranjan Kumar Chaurasia	Niranjan Kumar Chaurasia
58	Narayan Gouda	Narayan Gouda
59	Dr. Mohammad Aamir Pasha	Mohammad Aamir Pasha
60	Subhadarshani Satapathy	Subhadarshani Satapathy
61	Sadat Ali	Sadat Ali
62	Sibaram Mohapatro	Sibaram Mohapatro
63	Chittaranjan Dighal	Chittaranjan Dighal
64	Sunil Panda	Sunil Panda
65	Laxmidhar Behera	Laxmidhar Behera
66	Suvechha Hota	Suvechha Hota
67	Kula bhusan Pradhan	Kula bhusan Pradhan
68	Madhava Rao K	Madhava Rao K
69	Sujit Mishra	Sujit Mishra
70	Rajib Kumar Majhi	Rajib Kumar Majhi
71	M. Vignesh	M. Vignesh
72	Dr Pendurthy Anthony Sunny Dayal	Sunny Dayal
73	Dillip Mohanta	Dillip Mohanta
74	Santanu kumar Sutar	Santanu kumar Sutar
75	Sanjeeb Pattnaik	Sanjeeb Pattnaik



Dr. Prasanta Ku. Mohanty
Dean Academic



Prof. KVD Prakash
Dean - IIE & HRD