



CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT, ODISHA

WEBINAR

on

“Application of Artificial Intelligence in Agriculture-Opportunities and Challenges for Start-ups”
8th July 2021

Resource Person:

Dr. Subrat Kumar Panda,
Chief Technology Officer,
AGNEXT

No. of Students and/or Faculty Participated: 124

Objectives

- To improve the overall harvest quality and accuracy in agriculture by using AI System.
- To enhance the AI technology helps in detecting disease in plants, pests and poor nutrition of farms.

Detailed report of the activity:

Dr. Subrat Kumar Panda currently working as an AI and ML practitioner with an avid interest in IoT-currently leading technology at Agnext. Prior to this, he was with Capillary technologies, Work involves: Improving offline store intelligence using AI and IoT, Using AI to provide insights, recommendations, and personalization in the Retail space. He also worked for Tato, an amazing food tech startup where I work with MEAN stack, prior to this, he was working as a Performance architect for GPUs in NVIDIA. My role involves validating the performances of GPUs-full chips and building directed test cases for GPU performance validation in OpenGL.

Dr. Subrat Kumar Panda also worked on various areas involving Design space Exploration of Processor Architectures, retargeting GNU tool set for processor architecture, Analog CAD, Behavioural Modelling and Verification.

Dr. Subrat Kumar Panda discussed many topics of AI in agriculture and how AI can provide farmers with real-time insights from their fields, allowing them to identify areas that need irrigation, fertilization, or pesticide treatment. And also he discussed how innovating farming practices like vertical agriculture may help increase food production while minimizing the use of resources.

Outcome:

It is evident that Artificial Intelligence solutions can enable farmers not to only reduce wastage, but also improve quality and ensure faster market access for the produce.

Brochure related to the event:

The brochure features a yellow header with three logos: Centurion University (with the motto 'Shaping Lives... Empowering Communities!'), Institution's Innovation Council (Ministry of Education Initiative), and Gramtarang (www.gramtarang.in). The main title is 'CENTER FOR INNOVATORS AND ENTREPRENEURS & CENTER FOR SMART AGRICULTURE'. The event is an 'IMPACT LECTURE SERIES ON "Application of Artificial Intelligence in Agriculture- Opportunities and Challenges for Start-ups"'. It is scheduled for '8th JULY 2021 at 3pm-4pm'. The speaker is 'Dr. Subrat Kumar Panda', Chief Technology Officer at 'AGNEXT'. A circular logo for 'QUALITY FOOD FOR BILLIONS' is positioned next to his portrait. The event can be joined via Zoom with Meeting ID: 857 9715 6020 and Passcode: 656473.

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INSTITUTION'S INNOVATION COUNCIL
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**CENTER FOR INNOVATORS AND ENTREPRENEURS
& CENTER FOR SMART AGRICULTURE**

INVITE YOU TO A IMPACT LECTURE SERIES ON

**"Application of Artificial Intelligence in Agriculture-
Opportunities and Challenges for Start-ups"**

8th JULY 2021 at 3pm-4pm

Speaker

Dr. Subrat Kumar Panda
Chief Technology Officer
AGNEXT

Join with Zoom Meeting

Meeting ID: 857 9715 6020 **Passcode: 656473**

List of Participants

S.No.	Name of the Participants
1.	Ayush Prasad Mishra
2.	Nishant sharma
3.	BIDYARANI KARUA
4.	SOUMYA P PUHAN
5.	Ansuman Mohapatra
6.	Suhaila Ghulami
7.	Anil Kumar
8.	SATYAJIT KHUNTIA
9.	Monalisha Nayak
10.	AVIJEET RAJ
11.	Digambar Ray
12.	Abhijit Behera
13.	M Sandeep
14.	ARUN KUMAR
15.	Pujarani Parija
16.	Akashdeep Chatterjee
17.	Soumyadip Pal
18.	Rahul kumar
19.	BRIJESH NAYAK
20.	Preeti patnaik
21.	Chitranjan kumar
22.	Rohit mallick
23.	MD Zaid Hussain
24.	Md Perwez Alam
25.	Alan R Xalxo
26.	Md Gulam Raza
27.	Prabhas Kumar Mahato
28.	Malay kumar sahu
29.	Pradip kumar sharma
30.	Asish Routray
31.	S P Swain
32.	Subhangam Choudhury
33.	Soubhagya khatua
34.	Abhijit Behera
35.	Uma Shankar Raj
36.	Sudhansu Kumar Behera
37.	Manish kumar chourasia
38.	Satyabrata palei
39.	Hemanta kumar patra
40.	Subham jyoti ray
41.	ARVIND KUMAR
42.	Swastik Gouda
43.	Rajnish Kumar
44.	Kinley wangmi
45.	Sudhir kumar tudu

46.	Bablu kumar
47.	Koustav Dutta
48.	ANIRBAN MONDAL
49.	Sarthak Das
50.	jyoti prakash dutta
51.	Sanjay Kumar Das
52.	Pandav Kumar
53.	Raushan kumar
54.	Ankit kumar
55.	Aman Kumar
56.	Suraj Kumar
57.	Ajit Kumar
58.	Sujit Kumar
59.	Sumit Kumar
60.	Deepak Kumar
61.	Ranjan Kumar
62.	Gaurav Kumar
63.	Sudarshan Kumar
64.	Kaushal Kumar
65.	Jitendra Kumar
66.	Vikram Kumar
67.	Saurav Kumar
68.	Robin Kumar
69.	Pankaj Kumar
70.	Priy Kumari
71.	Sweety Kumari
72.	Ajit Kumar
73.	Aman raj
74.	Ritu raj basant
75.	Aaryan singh
76.	Pramod kumar
77.	Anand pandey
78.	Ramesh kumar
79.	Nitin saurav
80.	Lalbabu kumar
81.	Ranjan kumar
82.	Chhathu sharma
83.	Sunny raj
84.	Priti kumari
85.	Nikita kumari
86.	Pritam kumar
87.	Suraj kumar
88.	Naveen kumar rai
89.	Vivek kumar
90.	Nevv kumar
91.	Sunny kumar
92.	Prabhat padhy

93.	Sagar nayak
94.	Sanjivu Pavan Kumar
95.	Tabassum Rozy
96.	Ram karan kumar
97.	Sakshi kumari
98.	Krish kumar
99.	Prashant kumar yadav
100.	Alriyaz Uzzama
101.	Sonakshi Kumari
102.	Akshay kumar
103.	Mukul raj
104.	Satyam Kumar
105.	Banashree Ghana
106.	Nibedita Mishra
107.	Samprati Patra
108.	Biswajeet Mishra
109.	Hitesh Das
110.	Ananya Nayak
111.	Siddheswari Dash
112.	Suchismita Sahoo
113.	Sonika Acharya
114.	Sachhidananda Dash
115.	KAUSTUVA DAS
116.	Chiranjibi Dalai
117.	Prateek dwibedy
118.	Sahu Pragati
119.	Prateek parida
120.	M Sandeep
121.	Baibhabi bindia nayak
122.	Jigyansha Patra
123.	Manali Mishra
124.	Pragyan Sahoo



Prabhat K. Pattnaik
FDP Coordinator



Dr. Prasanta Ku. Mohanty
Dean Academic