



CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT, ODISHA

WEBINAR

on

“Genomics and its Applications”

6th & 7th July 2021

Resource Person:

**Dr. Ajay Chaudhary,
Field Application Scientist, India**

No. of Students and/or Faculty Participated: 55

Objectives

- To improve the next generation sequencing non-invasive prenatal testing.
- To improve and design crops with enhanced resistance to factors that influence their growth such as pests, disease, drought and floods etc.

Detailed report of the activity:

With the approval of Centurion University of Technology and Management (CUTM), Management and their constant encouragement, one day WEBINAR was conducted on 06-07-2021 and 07-07-2021 by the Department of Biochemistry and Plant Physiology from 10:00 AM to 11:30 AM in order to enrich knowledge of our faculty and students on **“Genomics and its Applications”**

Keynote Address

About the first speaker: Dr. Ajay Chaudhary, Field Application Scientist-India. As a Field Application Scientist, He has involved in the pre and post-sales technical support activities in Asia-Pacific Region. His job scope involves NIPT-training distribution, channel partners, and customers such as in India, Sri Lanka, Singapore, Dubai, Malaysia, Vietnam, etc.; on DNB-based NGS technology such as NIFTY test, Thalassemia (ThalSeq), PMseq, Hereditary Cancer Biomarkers, and many more

About the Topic: Dr. Ajay Chaudhary has delivered the lecture on Next Generation Sequencing Non-Invasive Prenatal Testing (NGS-NIPT) July 6th 2021, Tuesday, 10:00-11:30 am

About the second speaker: Dr. Rahul Kumar completed his bachelor's degree in Botany (Hons.) from Botany Department, Zakir Husain Delhi College, University of Delhi. After completing his masters degree from the Department of Botany, the University of Delhi in 2005, he joined the group of Prof. Akhilesh K. Tyagi and Dr. Arun K. Sharma, in the Department of Plant Molecular Biology, University of Delhi South Campus, to pursue his doctoral research. During his Ph.D, he contributed towards the completion of the sequencing of a part of chromosome 5 of tomato and genetic manipulation of tomato for altered fruit ripening.

Description about second thematic area: Second speaker Dr. Rahul Kumar delivered his talk on genomics and its application in plant research on 7th July 2021 at 10.00-11.30 am.

Program: For this Webinar, registration link using Zoom ID and password was created. The link was circulated among students and faculties of Agriculture. More than 400 participants registered for the webinar and 51 participants were attended for the webinar both Teaching Faculty Members and Students have participated.

Outcome

Participants learnt how to determine the risk that fetus will be born with certain genetic abnormalities. And also learnt how to classify the genes of plants in order to develop new specific variety.

Brochure related to the event:



Centurion University of Technology and Management

Join us for an...

Webinar on "Genomics and its Applications"

on July 6th and 7th 2021, 10:00 to 11:30 am

Organized by the Department of Biochemistry and Plant Physiology
in Collaboration with Center for Genetics and Genomics

Key Speakers



Ajay Chaudhary Ph.D.

Field Application Scientist-India
BGI Genomics (Hong Kong)
www.bgi.com/global/
ajaykumar@bgi.com

**Day-1: Next Generation Sequencing:
Non-Invasive Prenatal Testing (NGS-NIPT)**
July 6th 2021, Tuesday, 10:00 -11:30 am



Rahul Kumar Ph.D.

Assistant Professor
Department of Plant Sciences
School of Life Sciences
University of Hyderabad, Telangana
<https://rahulpmb.wikisite.com/pm>

**Day-2: Genomics and its Applications in
Plant Research**
July 7th 2021, Wednesday, 10:00 -11:30am

Patrons

Prof. (Dr.) Supriya Pattanayak
Vice Chancellor, CUTM, Odisha
Prof. (Dr.) Anita Patra
Registrar, CUTM, Odisha

Organizing Convener and Secretary

Dr. Raghu Gogada, Professor, HOD
Dr. Kakani Grihalakshmi, Associate Professor

Co-Patrons

Prof. (Dr.) Devender Reddy
Dean (Academic), MSSSoA
Prof. (Dr.) S.P. Nanda
Dean (Admin), MSSSoA

Organizing Committee

Dr. K. Krishnam Raju, Associate Professor
Dr. Sitaram Swain, Assistant Professor

Register Online: https://docs.google.com/forms/d/e/1FAIpQLSdqdf1k6A32_eS3pHdb8PHite519z6FUtO97NgPKQO6pYEeA/riemform?usp=pp_nd

Zoom Link: <https://zoom.us/j/93749655848?pwd=elNkZndMQUEVZUNzQWE3RFdITTFkZz09>
Meeting ID: 937 4965 5848; Passcode: 7U8eF8

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Shaping Lives... Empowering Communities...

List of Participants

1	Syed Meeraj
2	Aman Kumar Padhy
3	SimhadriDhanujatya Acharya
4	GorapalliPushpalatha
5	PadumpuramViswateja
6	YelletiBhanuTeja
7	K.Geeta Krishna
8	SavaraKodanadaSundar
9	Papun Patra
10	Routhu Kiran Babu
11	Voona Swami Babu
12	Yalla Kiran Kumar
13	Charan Kumar Choudhary
14	TekiAtchyuth
15	PatchigullaKameswarRao
16	D.Alekh
17	Rohan Pattanayak
18	Raturaj Pradhan
19	AshutoshPadhy
20	Akram Ansari
21	BonuGovinda Rao
22	BammidiPavan Kumar
23	AnnepuGangadharaPrithvi
24	Boddepalli Sai Shireesha
25	Tangudu Sai Krishna
26	D.Sunil Kumar Dora
27	Alla Naveen
28	KumariTaruna
29	Nilu Swain
30	L. Ravi Teja
31	ThatikondaPrudvi Raj
32	Rajat Pradhan
33	Battula Yogesh
34	Manyala Pradeep Kumar
35	Bhim Kumar
36	Rajesh Mohapatra
37	HrusikeshBiswal
38	Chinmaya Kumar Jena
39	Uttama Chandra Das
40	AshutoshMahapatra
41	AmarendraPratap Dutta
42	A.SaiSupriya
43	MaredlaKarthik

44	Akankshya Pradhan
45	SumitAnand
46	PapinashPadhiry
47	BinodPatro
48	Pankaj Kumar Patro
49	Abhishek Patnaik
50	K.Sukesh
51	SonaliChoudhary
52	BabitaMahapatra
53	PasupureddySwaroop Kumar
54	Alibilli Kiran Kumar
55	K.Sai Krishna



Prof. KVD Prakash
Dean - IIE & HRD



Dr. Prasanta Ku. Mohanty
Dean Academic