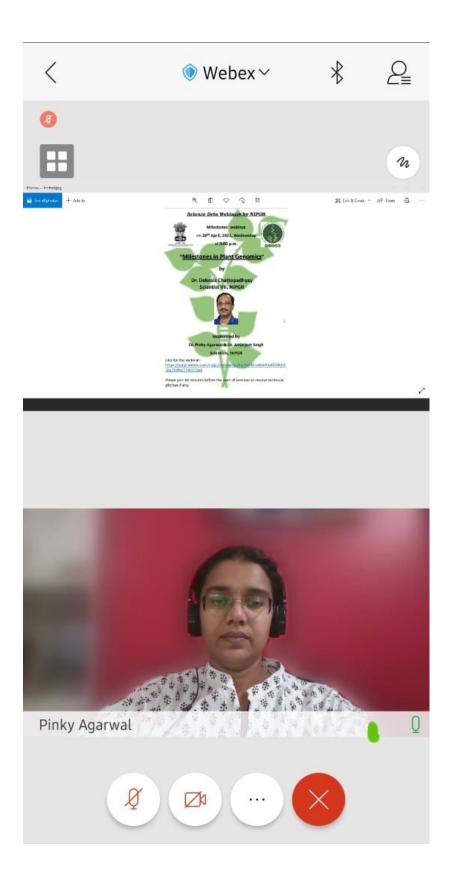
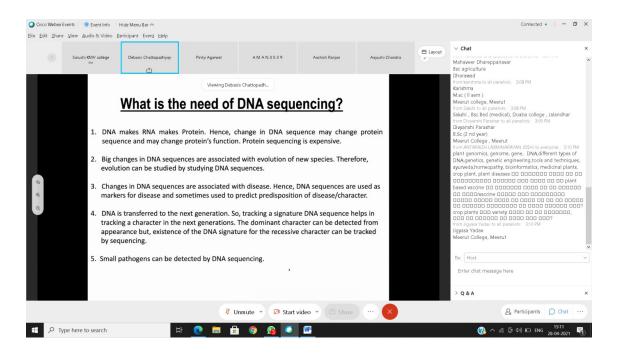
Science Setu Webinars by NIPGR Milestones in Plant Genomics Press- Note Date: 28-04-2021, Friday Resource person: Dr. Debasis Chattopadhyay, Scientist VII, NIPGR

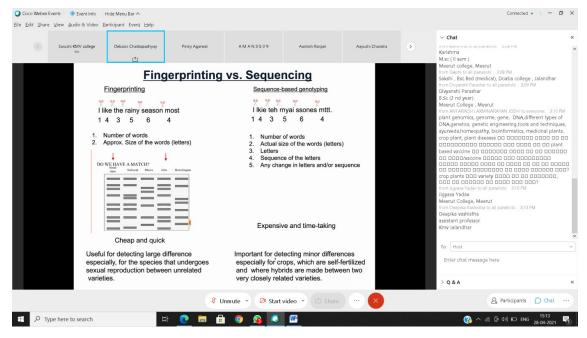
The Department of Biotechnology, Government of India, has planned "Science Setu" as a virtual platform to connect research Institutes with undergraduate students. Under this, our college has been assigned to National Institute of Plant Genome Research (NIPGR), New Delhi. NIPGR is an autonomous institution aided by the Department of Biotechnology. Research at NIPGR focuses on functional, structural, evolutionary and applied genomics of plants, including crop plants. Through the Science Setu program, our students and faculty virtually connect with NIPGR, New Delhi and got to know about the multifarious kinds of plant based research. It is a unique opportunity for science students at undergraduate and postgraduate level to get an exposure to high-level research.

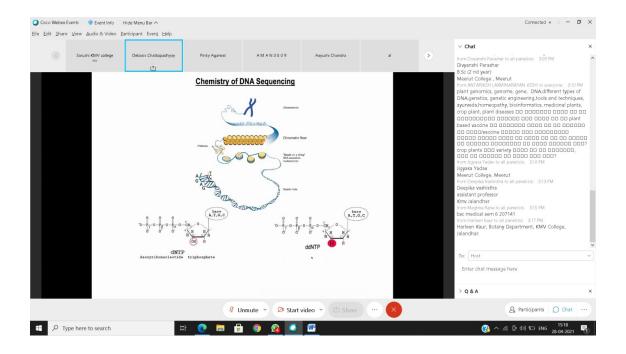
Dr. Pinky Aggarwal, Scientist, NIPGR gave welcome note on this event. **Resource person: Dr. DebasisChattopadhyay,Scientist VII, NIPGR** started his lecture by enlightening our knowledge on the concept of genomics. He discussed about the evolution of life and the process of DNA sequencing. He told about the chemistry of DNA sequencing. He stressed on the Sanger's chain termination method for DNA sequencing. He focused on the genome sequencing of various plants. He discussed about the concept of separation of reaction products and detection of LASER. He also discussed about 2nd Generation DNA sequencing(Short Read Technology). He also talked about the evolution of plant species by genome duplication.He concluded his lecture by discussing about the genome sequencing of the various plant species such as, *Arabiodopsis*, potato, grapevine, tomato and talked about the evolution of life by genome duplication.Faculty of Science and total 60 science students attended the event. Dr. Pinky Agarwal and Dr. Amarjeet Singh, Scientists, NIPGR attended the questions of the participants and gave vote of thanks. It was an intellectual and exciting experience for all the participants.

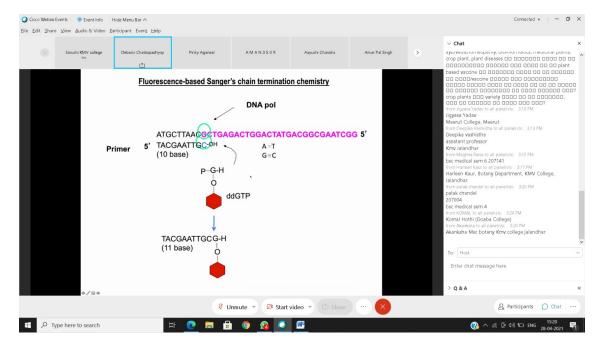


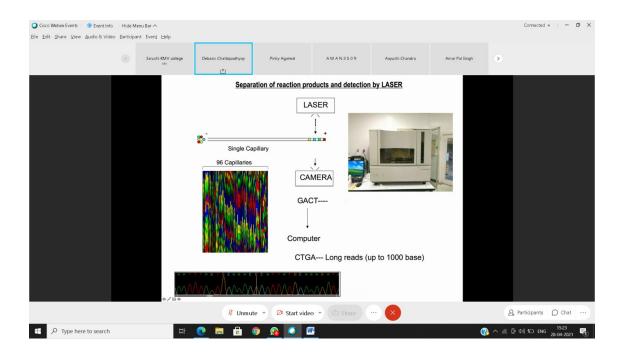


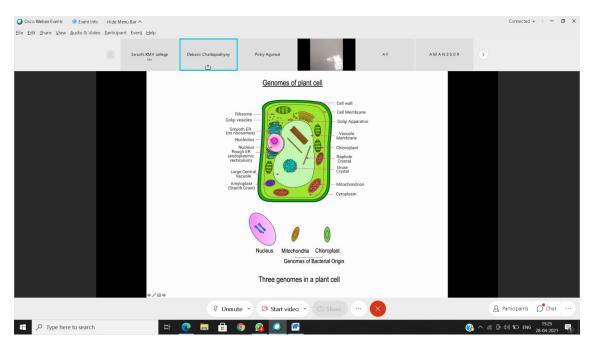


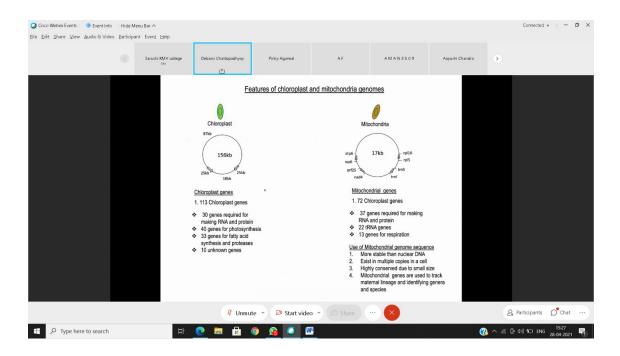


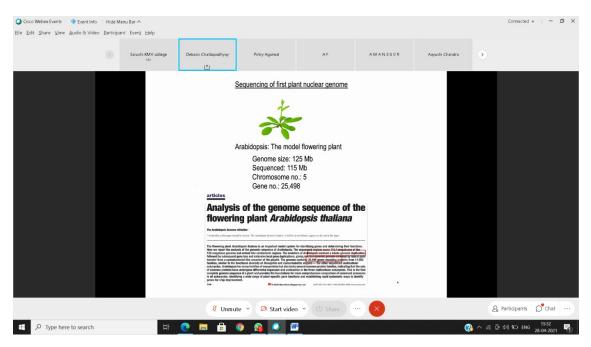


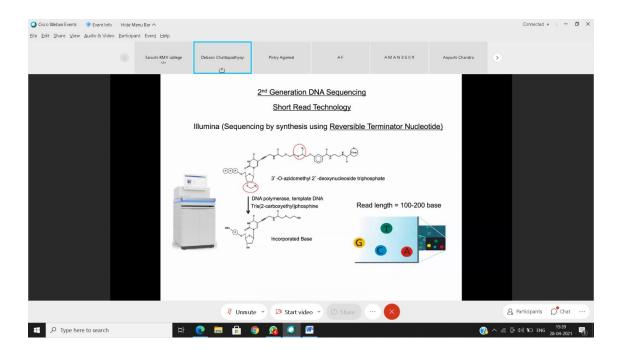


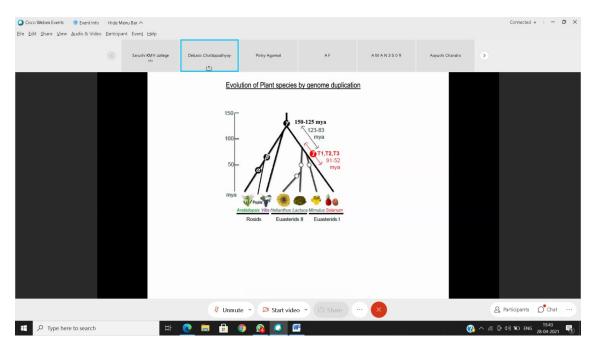


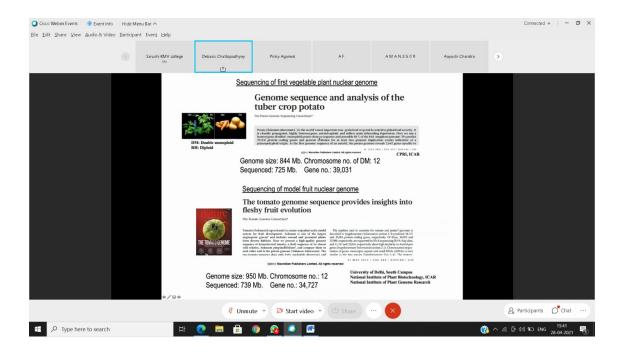


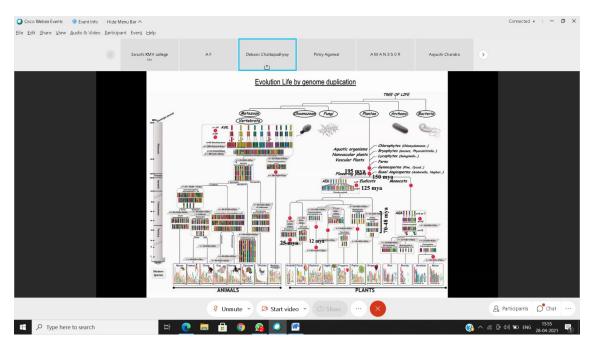












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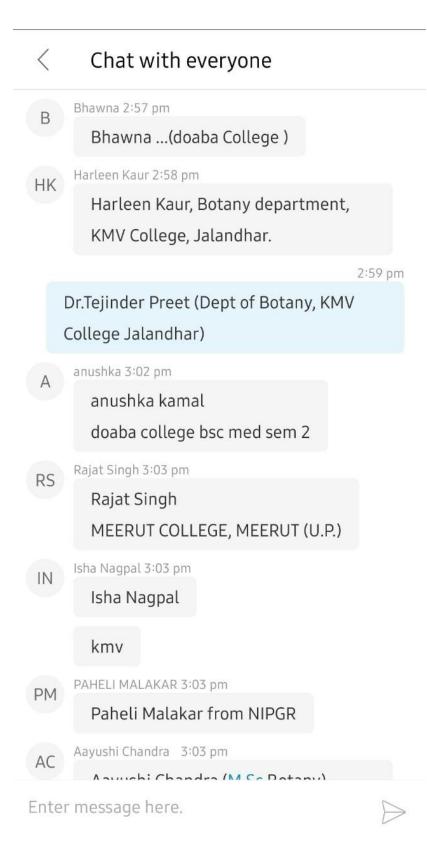
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<	Chat with everyone
RS	RITIK SAINI ,Bsc 2nd year MEERUT COLLEGE ,MEERUT(UP)
DR	Divyanshi Rastogi 3:05 pm Divyanshi Rastogi
DR	Divyanshi Rastogi 3:06 pm Meerut College Meerut
AD	Anshika Dubey 3:06 pm anshika dubey, kanya mahavidyalay, bsc medical
Р	Prince 3:06 pm Prince, 3503,bsc medical 2nd semester (doaba college)
RS	Ravinder Singh 3:07 pm Ravinder Singh BSc Biotechnology, 4th Sem. Doaba College, Jalandhar
ТМ	Tanmoy Mondal 3:07 pm Tanmoy Mondal Research Scholar, Horticulture (Fruit Science) Bidhan Chandra Krishi

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< Chat with everyone

TM Tanmoy Mondal 3:07 pm

Tanmoy Mondal

Research Scholar, Horticulture (Fruit

Science)

Bidhan Chandra Krishi

Viswavidyalaya, West Bengal

IN Isha Nagpal 3:07 pm

Isha Nagpal from-Kanya Maha Vidhyala, Jalandhar.

MD mahaveer dhareppanavar 3:07 pm

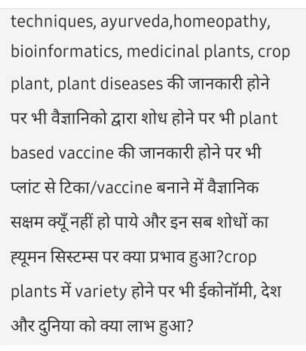
Mahaveer Dhareppanavar Bsc agriculture Dharawad

AJ ANTARIKSH LAXMINARAYAN JOSHI 3:10 pm

plant genomics, genome, gene, DNA,different types of DNA,genetics, genetic engineering,tools and techniques, ayurveda,homeopathy, bioinformatics, medicinal plants, crop plant, plant diseases की जानकारी होने पर भी वैज्ञानिको द्वारा शोध होने पर भी plant

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< Chat with everyone

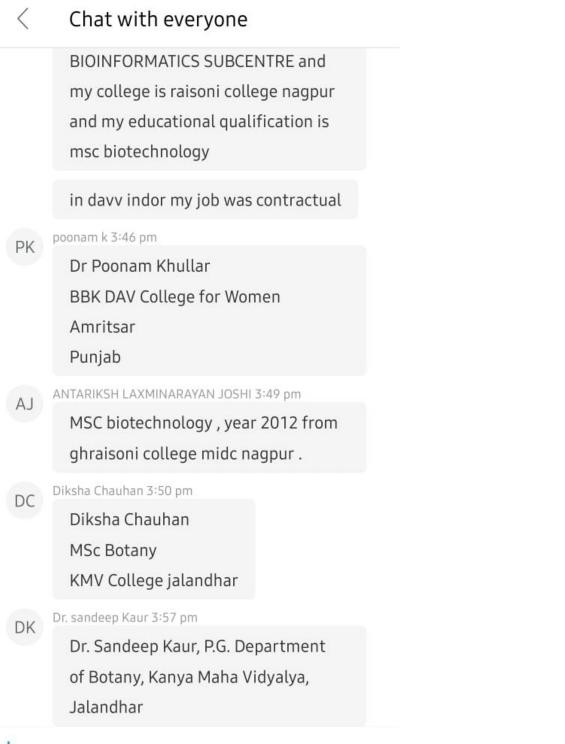


AJ

ANTARIKSH LAXMINARAYAN JOSHI 3:34 pm

नये समय में पुराने plant aur animal cell के structure वही होंगें की उसमे भी वक्त के साथ परिवर्तन हुआ होगा?bands के बीच में difference का मतलब क्या है और ग्राफ में computer में तकनिक के इस्तेमाल के वक्त जो ग्राफ मिलता है जिसमें जरुरी चीज मिलने पर भी ग्राफ में बाकी सब क्या क्या है ये कैसे पता चलेगा जैसे की अप, डाउन, बीच में, phase में फिर इतने units से उतने units के मध्य में?

Enter message here.



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<	Chat with all panelists
	<u>M.sc</u> (ll sem) Meerut college, Meerut
S	Sakshi 3:08 pm Sakshi , Bsc.Bed (medical), Doaba college , Jalandhar
DP	Divyanshi Parashar 3:09 pm Divyanshi Parashar <u>B.Sc</u> (2 nd year) Meerut College , Meerut
YL	Jigyasa Yadav 3:10 pm Jigyasa Yadav Meerut College, Meerut
DV	Deepika Vashistha 3:13 pm Deepika vashistha assistant professor Kmv Jalandhar
MR	Meghna Rana 3:15 pm bsc medical sem <u>6 207141</u>
НК	Harleen Kaur 3:17 pm Harleen Kaur, Botany Department, KMV College, Jalandhar.

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<	Chat with all panelists	
MR	bsc medical sem <u>6 207141</u>	
НК	Harleen Kaur 3:17 pm Harleen Kaur, Botany Department, KMV College, Jalandhar.	
PC	palak chandel 3:20 pm palak chandel <u>207004</u> bsc medical sem 4	
К	KOMAL 3:20 pm Komal Hothi (Doaba College)	
A	Akanksha 3:20 pm Akanksha Msc botany Kmv college jalandhar	
SJ	Shristi Jain 3:21 pm Meerut College,Meerut	
SK	simranjit Kaur 3:22 pm simranjit Kaur <u>207022</u> bsc med sem4 KMV jalandhar	
KT	kritika thakur 3:23 pm kritika thakur BSC medical KMV COLLEGE JALANDHAR	
Entor	mossage boro	~

