

DEPARTMENT OF BOTANY



**Online National Webinar on
Botanical Science**

Date: - 19, 20/05/2021

**The webinar was organized by
Govt. VYT PG college on Modern**

Modern Aspects of

**Department of Botany of
Aspects of Botanical Sciences**

Report for Two day's webinar organized by department of botany. On the first day lecture was on "**Genome sequencing**" delivered by guest Speaker **Dr. Gaurav S Dave**, a research scientist from **sardarkrushinagar dantiwada agricultural university Gujarat**. He started his speech with the Introduction of **DNA sequencing** followed by History of sequencing, different methods of sequencing such as **Maxxam Gilbert method, Chain termination method, Pyrosequencing, bisulfite sequencing, Shotgun method sequencing**. He also talked about the **Genome annotations** which includes Structural and functional annotation. He also explained the challenges faced during sequencing the Genome and concluded with the opportunities genome sequencing will provide in near future including this pandemic and future researches.

On the 2nd day (19-20 May 2021) lecture was on "**Conservation Ecology**" and guest lecture Speaker was **Dr.G. Sahaya Anthony Xavier**, a research scientist from **St.Xavier's College palayamkottai Tamil Nadu**. **Dr. Satish kumar sen**, Asst. professor Govt. VYTPG autonomous college durg **hosted the event** and talked about how students from different states from all over India have also joined the event. **Dr. Vijay Laxmi Naidu** On the behalf of the Patron our principal **Dr. R.N Singh addressed the webinar** and talked why conservation is necessary.

HOD Dr. RanjanaShrivastava Madam welcomed the speaker Dr.G. Sahaya Anthony Xavier and spoke the aim behind this webinar to make people and students aware of the research opportunities available in Botanical sciences. **Dr. Thakur introduced the speaker Dr. G. Sahaya Anthony Xavier** to all the attendees. **Dr. G. SahayaAnthony Xavier** first congratulated the organizers for this beautiful effort of organizing national webinar on botanical sciences. He started his speech with the Introduction of **Origin of Universe and start of life on earth**. He talked about the **Earth's biodiversity and why we should conserve nature** and also enlighten the challenges faced due to Anthropogenic activities, Population explosion and their dependency on nature by which ecosystem is getting disturbed. **He concluded with the Species extinction and Goals of Conservation Ecology along with conservation projects like Project tiger, project elephant, vulture conservation** etc. Lecture was followed with **Q/A session in which Dr Sanju Sinha** Assistant professor of zoology of Govt. VYTPG Autonomous College Durg took part actively and to **Dr G. Sahaya Anthony** apart from her **Dr Radhamani from Bangalore** also raised the query. Students from all over India asked the question regarding different methods and strategies of conservation. In Q/A session **Swati Agrawal, Tameshwari, Dharmendra, Aarti, Umashankar, Himanitondon, Shyamoo, Mahima Sinha, R. Vina, Reshmamandavi** and some other students raised their question regarding the various aspects of ecological conservation. Participants join webinar through **Google meet application and**

YouTube live stream and participants belongs to different states like Tamilnadu, Assam, Manipur, Arunachal Pradesh, Nagaland, Karnataka, Telangana, Kerala, Andhra Pradesh and also from different colleges of Chhattisgarh.

Dr K. I. Toppo, Professor Gayatri Pandey contribute as a co-conveyer and Dr. Shriram kunjam made valuable contribution as joint organizing secretary for this webinar. The concluding remarks for two day's webinar addressed by Dr. Shriram Kunjam, where he thanked everyone for their participation and in making this program successful and whole team work of Govt. V.Y.T. PG. Autonomous college durg who made this possible. **The vote of thanks was delivered by Mr Daneshwar Prasad** in which he also said thanks to the principal, HOD of department of botany, faculties of botany department, Research scholars and Students of departments who were actively involved to organize this webinar.

A special thanks to Mr Dilip Sahu Sir who contributed as a technical expert to organize this program.

In working Committee Members: Mr. Daneshprasad, Mr. Wasim Akram, Smt. Shanti Rajwade, Mr. Uday, Ms. Lumehswari, Ms. Swati Agrawal, Mr Ratnakar Upadhyay. Mr. Shayamoo, Ms. Prachi Gupta, Mr. Devendra Nirmalkar, Ms Kavita Gupta, Mr. Ashwin Gautam all participate actively in this webinar.

List Students

Aarti Sahu	Resma Kuraiti
Dharmendra	Tameshwari
Kumar	Dewangan
Draupati Kosare	Umashankar
Geetika	
Gopal Prasad	
Heena Dhiwar	
Hemlata	
Jyoti Sinha	
Karuna Sonkar	
Kavita Gupta	
Kusumlata	
Lekeshwari	
Mandavi	
Lokeshwari	
Dewangan	
Manisha Gajbhiye	
Manorama	
Neetu	
Payal Kokila	
Priyanka	
Priya Sahu	
Rashmi	
Mandhariya	



GOVT. V.Y.T. PG
AUTONOMOUS COLLEGE
DURG, CHHATTISGARH, INDIA

GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG, CHHATTISGARH, INDIA

(Erstwhile: Govt. Arts & Science College, Durg)

Reaccredited Grade "A+" By NAAC

College with Potential for Excellence (CPE) Phase- II By UGC

Awarded Star College by DBT, New Delhi



A TWO DAYS NATIONAL WEBINAR ON " MODERN ASPECTS IN BOTANICAL SCIENCES"

Organized by

Department of Botany

(in association with IQAC)

Speaker



Dr. Gaurav S. Dave

Assistant Research Scientist (Biochemistry), Biochemistry Laboratory,
Pulses Research Station, Sardarkrushinagar Dantiwada Agricultural
University, Sardarkrushinagar - 385506.

Ta. Dantiwada District - Banaskantha. Gujarat, India.

Date:-19/05/2021, time:-11.00 a.m.

Topic:- Genome sequencing

Speaker



Dr. G. Sahaya Anthony Xavier's

M. Sc., SLET., Ph.D.,

Department of Botany

Associate Professor

St. Xavier's College (Autonomous)

Palayamkottai - 627002, Tamil Nadu

Date:-20/05/2021, time:-11:00a.m.

Topic:-Conservation Ecology

Convener

Dr. Ranjana Shrivastava

Co-Convener

Mrs. Gayatri Pandey,

Dr. K. I. Toppo

Organizing Secretary

Dr. Satish Kumar sen

Joint Organizing Secretary

Dr. Shriram Kunjam

Executive Committee Members

Dr. G. S. Thakur

Dr. Vijay Laxmi Naidu

Technical Expert

Mr. Dileep Kumar Sahu

Assistant Professor of Computer
Science.

Patron and Principal

Dr. R.N. Singh

Working Committee Members :-

Mr. Danesh, Ms. Lumehsvari,
Mr. Wasim Akaram, Mr. Uday,
Ms. Swati Agrawal, Mr. Ratnakar Upadhyay,
Mr. Shayamoo, Ms. Prachi Gupta,
Mr. Devendra Nirmalkar, Ms. Kavita Gupta,
Mr. Ashwin Gautam.
Mrs. Shanti Rajwade

Note:-

- > Registration is free
- > E-Certificate will be provided after submission of feedback form.
- > Webinar will be on google meet & youtube live streaming.

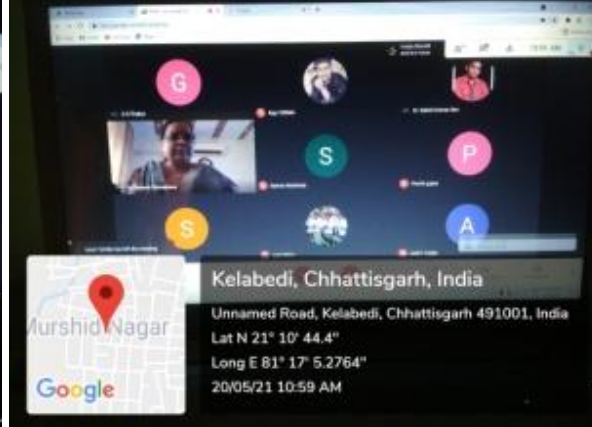
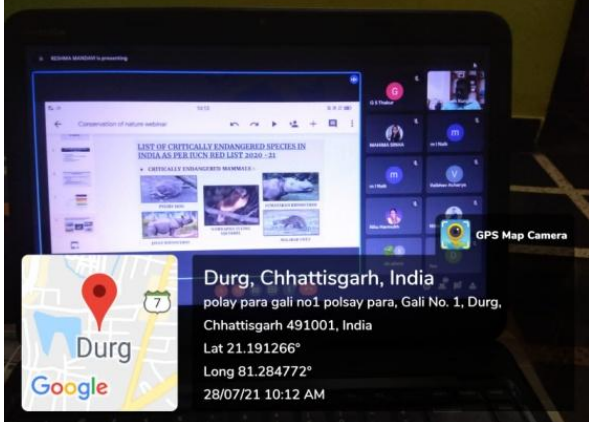
Registration Link: <https://forms.gle/o3vwaWEGKdcn9tFp6>

Join us in Telegram Group: https://t.me/joinchat/X7xa_ft13VM3NzM1

Government Vishwanath Yadav Tamaskar Post-Graduate Autonomous College, Durg is a leading higher education institute in Chhattisgarh. It is affiliated to Hemchand Yadav University, Durg. The college has been conferred with the status of autonomy by UGC in 1989. The college was accredited with grade 'A+' by NAAC in the second cycle, and has been recognized by UGC as 'College with Potential for Excellence' (CPE), receiving the grant under IIIrd Phase of the scheme.

Department of Botany

The Department of Botany is one of the oldest departments of Govt. V.Y.T.PG. Autonomous College and has been in the forefront providing quality education and training in the field for the past five decades





वनस्पति शास्त्र विभाग द्वारा दो दिवसीय वेबीनार

हरिभूमि न्यूज »» दुर्ग

शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर स्वशासी महाविद्यालय के वनस्पति शास्त्र विभाग द्वारा दो दिवसीय ऑनलाईन वेबीनार का आयोजन किया गया। महाविद्यालय के प्राचार्य डॉ.



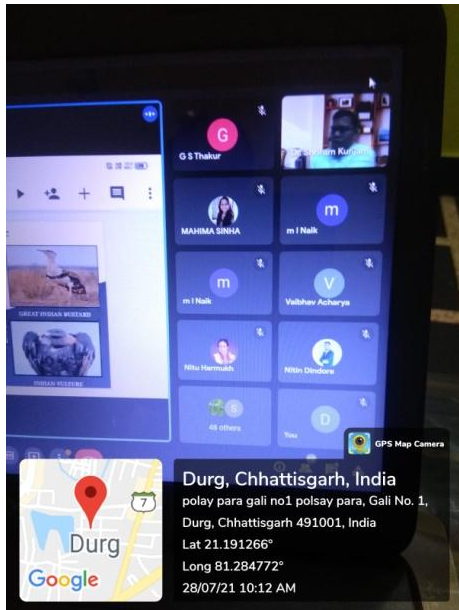
महाविद्यालयों के प्राध्यापकों, विद्यार्थियों तथा शोधकर्तार्यों ने हिस्सा लिया। प्रथम आमंत्रित व्याख्यान में जीनोम अनुक्रमण पर जानकारी देते हुए सरदार कोर्सो नगर कृषि विश्वविद्यालय गुजरात के डॉ. गौरव एस दवे ने जिन विज्ञान तथा उनकी विभिन्न विधियों की चर्चा की। सेंट जेवियर्स कॉलेज

आरएन सिंह तथा वनस्पति शास्त्र विभाग के विभागाध्यक्ष डॉ. जीएस ठाकुर ने बताया कि आयोजन का उद्देश्य वनस्पति शास्त्र विषय में विद्यार्थियों को नवीनतम जानकारी उपलब्ध कराना था। वेबीनार के आरंभ में विभागाध्यक्ष डॉ. रंजना श्रीवास्तव ने वेबीनार के महत्व एवं उसकी वर्तमान प्रासंगिकता पर प्रकाश डाला।

तमिलनाडु के रिसर्च साइरिस्ट डॉ. जी सहाय एंथोनी जेवियर ने इकोलाजी संरक्षण पर महत्वपूर्ण आमंत्रित ऑनलाईन व्याख्यान दिया। उन्होंने ब्रम्हाण्ड की उत्पत्ति तथा जीवन की शुरुआत पर रोचक जानकारी दी। सहसचिव डॉ. श्रीराम कुंजाम एवं डॉ. विजय लक्ष्मीनायडू ने दो दिवसीय वेबीनार की उपलब्धियों तथा आमंत्रित व्याख्यानों का संक्षेपीकरण प्रस्तुत किया। अतिथि वक्ताओं के व्याख्यान के पश्चात प्रश्नोत्तरी सत्र में साइंस कॉलेज की डॉ. संजु सिन्हा, स्वाती अग्रवाल, तामेश्वरी, धर्मेन्द्र आरती, उमाशंकर, हिमानी टंडन, श्यामू, गरिमा सिन्हा, आर वीणा तथा रेशमा मंडावी ने प्रश्न पूछकर अपनी जिज्ञासा शांत की।

कार्यक्रम का संचालन आयोजक सचिव वनस्पतिशास्त्र विभाग के सहायक प्राध्यापक डॉ. सतीष सेन ने किया। उन्होंने कहा कि राष्ट्रीय वेबीनार में 10 विभिन्न प्रदेशों तमिलनाडु, आसम, मणिपुर, अरुणाचल प्रदेश, नागालैंड, कर्नाटक, तेलंगाना, केरल, आंध्रप्रदेश तथा छत्तीसगढ़ के

कार्यक्रम का संचालन आयोजक सचिव वनस्पतिशास्त्र विभाग के सहायक प्राध्यापक डॉ. सतीष सेन ने किया। उन्होंने कहा कि राष्ट्रीय वेबीनार में 10 विभिन्न प्रदेशों तमिलनाडु, आसम, मणिपुर, अरुणाचल प्रदेश, नागालैंड, कर्नाटक, तेलंगाना, केरल, आंध्रप्रदेश तथा छत्तीसगढ़ के

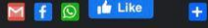


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deepak das • May 20, 2021



दुर्ग। नई पीढ़ी को जिन जिन-विज्ञान की उपयोगिता से अवगत कराने तथा कोविड सहित आने वाली अनेक बीमारियों के प्रति संवेदनशील बनाने के लिए विश्वनाथ यादव तामस्कर पीजी स्वशासी महाविद्यालय में एक दो दिवसीय राष्ट्रीय वेबीनार का आयोजन किया गया। गुजरात के सरदार कृष्णनगर कृषि विश्वविद्यालय के शोध विज्ञानी डॉ गौरव एस दवे ने जिन विज्ञान तथा उसकी विभिन्न विधियों की चर्चा की। उन्होंने बताया कि किस तरह यह संक्रामक रोगों की पहचान, निदान एवं चिकित्सा में उपयोगी सिद्ध हो सकता है। डॉ दवे ने पादप विज्ञान पर इस वेबीनार के आयोजन के लिये विभाग को साधुवाद दिया। उन्होंने डीएनए अनुक्रमण के इतिहास का वर्णन करते हुए मैक्सिम गिलबर्ट पद्धति, चेन टर्मिनेशन पद्धति, पायरोसीक्वेंसिंग, बाइसल्फाइड सेक्वेंसिंग, शॉटगन मेथड की चर्चा की। उन्होंने कोविड सहित अन्य महामारियों के अध्ययन में जीनोम सीक्वेंसिंग के महत्व की चर्चा की। सहायक प्राध्यापक डॉ सतीश कुमार सेन की मेजबानी में आयोजित इस वेबीनार में तमिलनाडु, असम, मणिपुर, अरुणाचल प्रदेश, नागालैंड, कर्नाटक, तेलंगाना, केरल, आंध्रप्रदेश समेत छत्तीसगढ़ के विभिन्न विश्वविद्यालयीन छात्र-छात्राओं ने भाग लिया। डॉ जीएस ठाकुर ने प्राचार्य डॉ आरएन सिंह के संदेश का वाचन किया। आरंभ में विभागाध्यक्ष डॉ रंजना श्रीवास्तव ने डॉ दवे का स्वागत करते हुए वेबीनार के उद्देश्यों की चर्चा की। डॉ ठाकुर ने अतिथि का विषय परिचय दिया।



811 है नए ज़माने का बैंक खाता

