DEPARTMENT OF BOTANY ANNUAL REPORT

SESSION : 2020 – 2021

This year online classes started on15 June, 2020 and all the professors of department had conducted and completed their course on online mode. This year, Dr. RAJKUMAR KHAPEKAR, Associate Professor and Head Department of Botany has been nominated by Hon'ble Vice Chancelor of R.T.M. Nagpur University as Chairman, Board of Studies – Extension education in the faculty of Science & Technology

Department of Botany conducted various curricular and co-curricular activities, beside conducting regular classes. This year Under the banner of skill development program, guest talk was arranged.

Online Guest Lecture : Department of botany has organized online talk of Dr. Sangita Sharma, Head, Department of Agriculture, Mangalyatan University, Jabalpur on topic "Floriculture Practices and Opportunity" on dated 30/03/2021.

National Webinar : On the occasion of World Environment Day, 5th June 2021 a National Webinar on 'Ecosystem Restoration' was organized by "Department of Botany and Environment Cell, Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur. First Technical session was conducted by of eminent Guest Speaker Dr. Pawan Labhasetwar, Chief Scientist and Head of Water Treatment Technology CSIR NEERI Nagpur. He talked on 'Ecosystem Restoration-Perspectives from Inexpert'. Second technical session was conducted by eminent guest speaker, Dr. Rani Bhutada, Dietician and Nutritionist from Red Apple Kids and Vishnulaxmi Foundation she spokes about importance of saving nature. Her talk followed by Educational Puppet Show on Environmental Awareness.

Inter Collegiate Competition : Department of Botany in collaboration with Department of Zoology has organized Online Competition of photo, poster making, quiz and slogan contest to mark World Environment Day on June 05,2021. Hundreds of students of various institutions have taken participation in this event.

Covid – 19 Awareness : All the professors of department have conducted time to time online counseling sessions for students of all semesters regarding Covid – 19. In these sessions major emphasis was given on how to protect ourself and our family members from disastrous effect of corona virus. Also discussed various points bout Do's and Don't's in corona pandemic.

Carrier counselling : It is a regular practice of Department of Botany. This year also various carrier counselling sessions were conducted by department. In which students were encouraged for joining higher studies. Also discussed various opportunities after successful completion of U.G. and P.G. courses of Botany.

Student's Progression : The year 2020-2021 was very good from the point of view of progression of students in Botany. Five students from Botany Department took admission in post graduate course in Botany .The students took admissions in various colleges like Shri Mathuradas Mohota College of Science Nagpur and Kamla Nehru College Nagpur.

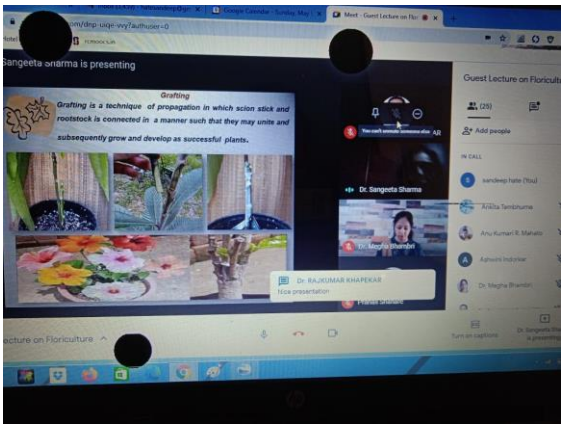
This year, professors of Botany Department were engaged in contributing their knowledge on various National and International platforms through various Conference/ webinars as a Keynote speaker and experts.

Dr. Rajkumar Khapekar, Associate Professor and Head Department of Botany has delivered lectures at Delhi, Mumbai, Vazhoor - Kerla, Dhule, Rajura Kamptee, Nagpur All India Radio and platform like NIDM Government of India. Dr. KHAPEKAR has written a Book entitled "ENVIRONMENT EDUCATION AND WATER SECURITY" for Class 12th of Maharashtra State Board, Balbharti. Dr. Sandeep Hate, Assistant Professor of Botany Department has delivered lecture at Shankarlal Agrawal Science College, Salekasa on World Wetland Day. Also Dr. Hate Delivered talk at Jagdamba Mahavidyalaya, Achalpur on the occasion of Ozone Day. Dr. Prachi Lambat and Dr. Megha Bhambri, Assistant Professors had delivered lecture at International Conference, organized by A.K.P. Healing India, Delhi.

Certificate Course – Floriculture & Landscape Gardening

Report of Guest Lecture : "Floriculture and Landscape Gardening"

The Department of Botany under the banner of Skill development programme run certificate course on **"Floriculture and Landscape Gardening"** to develop the skills of the students. Co-ordinator of the Progeramme Dr. Sandeep G. Hate, organized a Guest lecture to motivated the students. Guest speaker **Dr Sangita Sharma, Head, Department of Agriculture, Mangalyatan University, Jabalpur delivered a talk on topic " Floriculture Practices and Oppournity"** on dated 30/03/2021. She cover various aspects of floriculture and motivated the students to enter in this field which is having great potential to develop their future. Total 53 students along with faculty members of zoology department attended the programme. Dr. Rajkumar Khapekar Head department of Botany introduce the guest speaker and Dr. Megha Bhambri has given formal vote of thanks.



DEPARTMENT OF BOTANY AND ENVIRONMENT CELL,

D.R.B SINDHU MAHAVIDYALAYA

Report on National Webinar

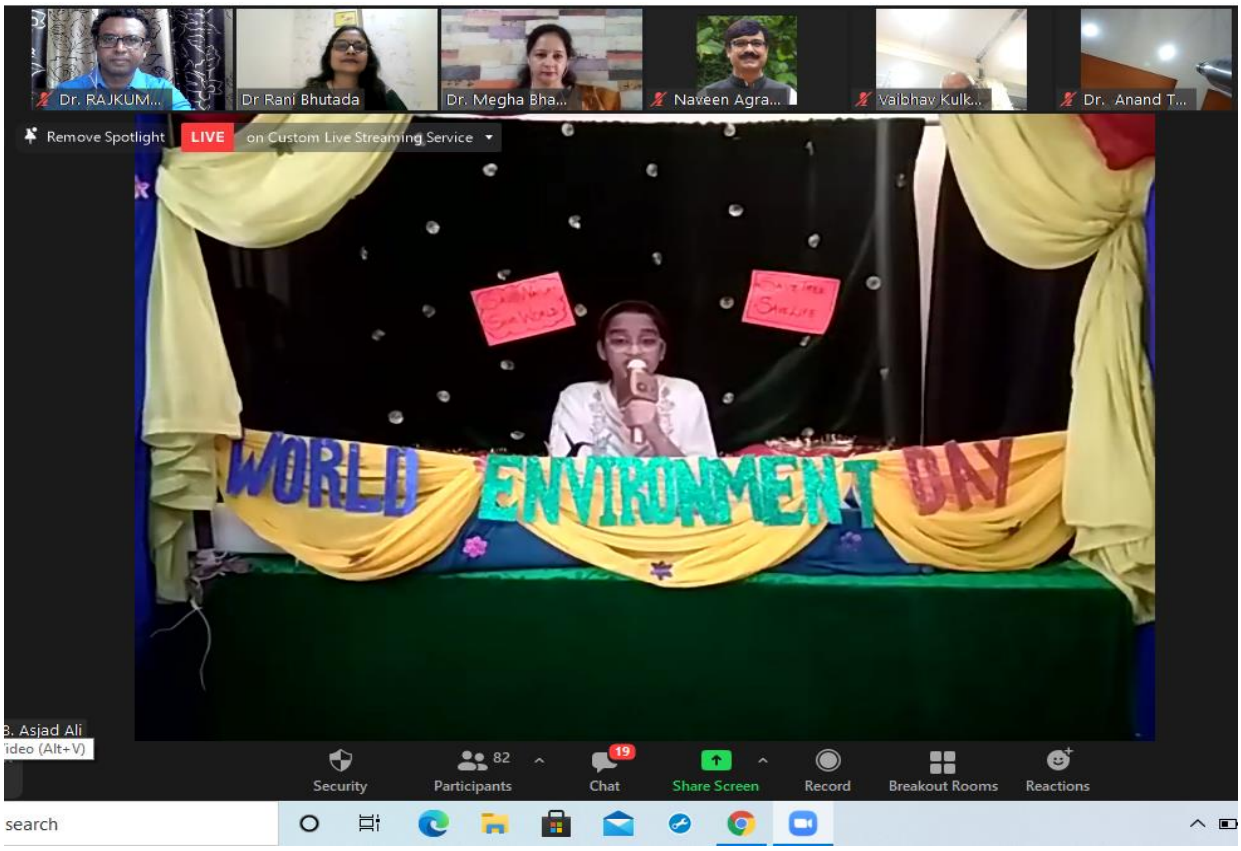
On the occasion of World Environment Day, 5th June 2021 a National Webinar on 'Ecosystem Restoration' was organized by "Department of Botany and Environment Cell, Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur. The purpose of the webinar was to discuss Ecological Restoration and to spread awareness to preserve our environment in this alarming time of Corona Pandemic.

The event was organized under the able guidance of eminent members of Sindhi Hindi Vidya Samiti, Honorable Shri H. R. Bakhru- President, Dr. Vinky Rughwani - Chairman, Shri Vinod Masand - Vice President, Dr. I. P. Keswani - General Secretory, Shri Mohan Jotwani - Treasurer and Shri Neeraj Bakhru - Secretory. Convenor of the event and Co-Ordinator of Environment cell Dr. R.R. Khapekar had given introductory remark about the webinar. Dr. S. V. Kasbekar, Officiating Principal and President of the Event Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur gave his presidential address on the webinar.

This was presided by the technical session of eminent Guest Speaker Dr. Pawan Labhasetwar, Chief Scientist and Head of Water Treatment Technology CSIR NEERI Nagpur. He talked on 'Ecosystem Restoration-Perspectives from Inexpert'. He gave outline of Eco restoration of Water and treatment for grey water and sewage waste water. The event followed by the talk of second eminent guest speaker, Dr. Rani Bhutada, Dietician and Nutritionist from Red Apple Kids and Vishnulaxmi Foundation she spokes about importance of saving nature. Her talk followed by Educational Puppet Show on Environmental Awareness.

Co - convenor of the event was Dr. Amit Nanwani. The programme was conducted by Dr. Megha Bhambri and formal vote of thanks was proposed by Dr.Trupti Sakhare. Dr. Sandeep Hate, Dr. Prachi Lambat and Mr. Rakesh Naktode work hard for the success of event. The webinar was attended by more than 600 participants from various colleges of Maharashtra and other states also.

Dr. PAWAN LABHASETWAR, NEERI DELIVERING HIS TALK



RED APPLE KID PERFORMING THEIR ART

GLIMPSES OF SOME EVENTS ENGAGED BY BOTANY PROFESSORS

विचारमंथन • डॉ. खापेकर यांचे मत, पर्यावरण दिनानिमित्त परिसंवाद

मानवी हस्तक्षेपाने पर्यावरण धोक्यात

प्रतिनिधी | धुळे

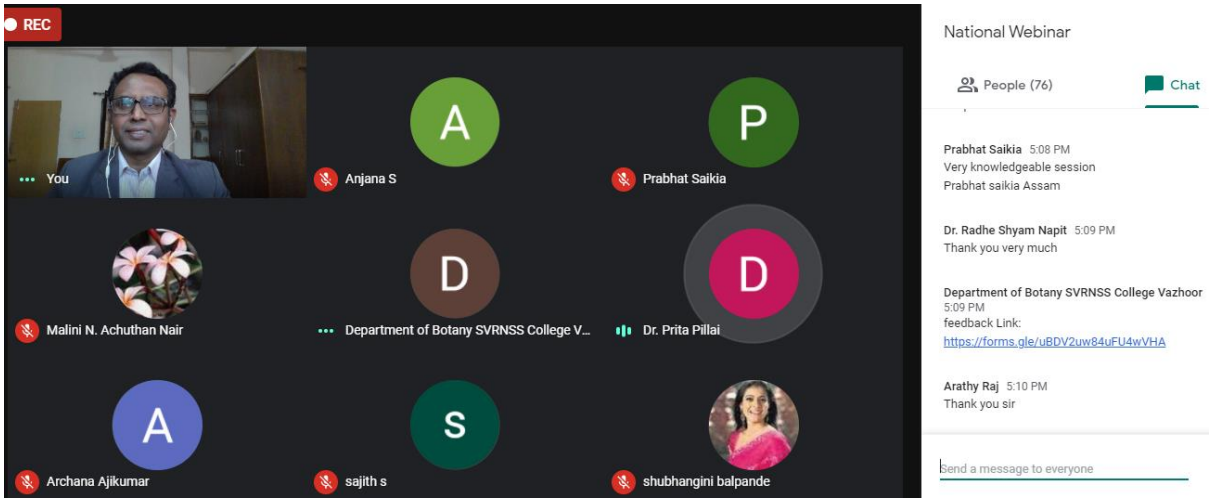
मानवी हस्तक्षेपामुळे पर्यावरणाचा समतोल बिघडला आहे. त्यामुळे आता जैवविविधतेचे जतन करणे आवश्यक आहे. पर्यावरणाच्या संरक्षणासाठी प्रत्येकाने जबाबदारी समजून घ्यावी, असे मत नागपूर येथील प्रा. डॉ. राजकुमार खापेकर यांनी केले.

शहरातील डॉ.पां.रा. घोगरे विज्ञान महाविद्यालयात जागतिक पर्यावरण दिनानिमित्त बायोडायव्हर्सिटी अॅण्ड वेज ऑफ रिस्टोरेशन या विषयावर ऑनलाइन राष्ट्रीय परिसंवाद झाला. त्या वेळी ते बोलत होते. प्राचार्य डॉ. मनोहर पाटील अध्यक्षस्थानी होते. परिसंवादात अण्णा युनिव्हर्सिटी, आसाम युनिव्हर्सिटी, राजुरी युनिव्हर्सिटी, भोपाळ, कोईम्बतूर, छत्तीसगड, अहिल्यादेवी युनिव्हर्सिटी, इन्स्टिट्यूट ऑफ केमिकल टेक्नॉलॉजी, दिल्ली विद्यापीठ, कोल्हापूर विद्यापीठ, राहुरी कृषी विद्यापीठ, बरेली विद्यापीठ, बालानगर विद्यापीठ, वेस्ट बेंगॉल युनिव्हर्सिटीसह देशभरातील ३० विद्यापीठातील तीनशेहून जास्त विद्यार्थी, संशोधकांनी सहभाग नोंदवला होता. प्रा.डॉ. खापेकर म्हणाले की, पर्यावरणाची हानी मानवी विनाशाचे कारण ठरू शकते. शैवालवर्गीय वनस्पतींचे जीवनमान कंपन्यांमधून सोडण्यात येणाऱ्या प्रदूषित पाण्यामुळे धोक्यात आले आहे. त्यामुळे ऑक्सिजन पातळी खालावू शकते असेही ते म्हणाले.

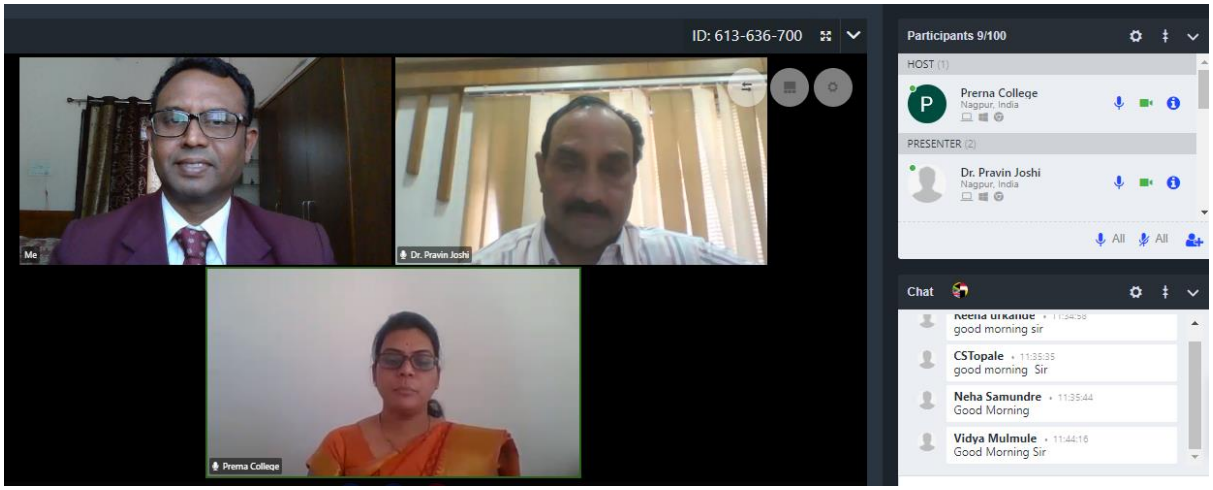
पर्यावरणावर झालेल्या ऑनलाइन कार्यशाळेत सहभागी मान्यवर.

जबाबदारी पेलावी... प्राचार्य मनोहर पाटील म्हणाले की, पर्यावरण संरक्षणाची जबाबदारी संपूर्ण जगावर आली आहे. ही जबाबदारी सर्वांनी समर्थपणे पेलावी. त्यासाठी प्रत्येकाने स्वत:पासून सुरुवात करावी, असेही ते म्हणाले. वनस्पतिशास्त्र विभागप्रमुख प्रा. डॉ. संध्या पाटील, उपप्राचार्य प्रा. के. एम. बोरसे, सचिन प्रा. मयूर डोंगरे व प्रा. डॉ. दत्ता ढाले उपस्थित होते. प्रा. डॉ.ज्योती ढोले यांनी सूत्रसंचालन केले.

Dr. Khapekar at National Conference, Ghogrey Mhaha vidyalay, Dhule

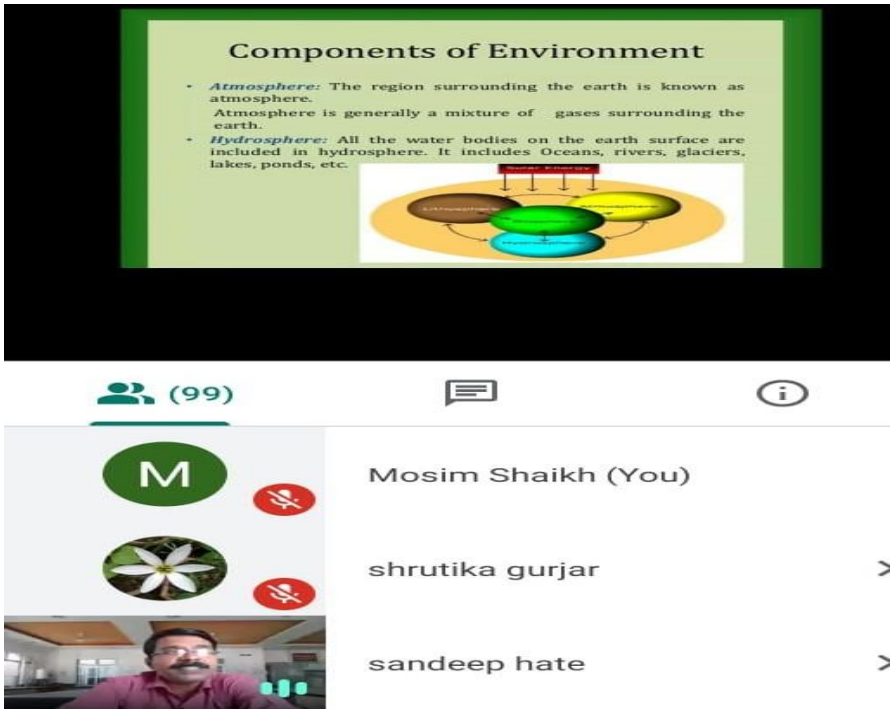


Dr. Khapekar at National Webinar, Vidyadhi Raja college, Vazoor, Kerla



Dr. Khapekar at National Webinar, Prerna College, Nagpur

Dr. Sandeep Hate delivering talk at S.K. Agarwal College, Salekasa



Dr. Sandeep Hate delivering talk at Jagdamba College, Achalpur

Dr. Megha Bhambri Delivering her talk on AKP Healing India Platform

Dr. Prachi Lambat Delivering her talk on AKP Healing India Platform