

Report of Botany Department

(2020-21)



**Mehr Chand Mahajan DAV
College for Women**

Sector-36, Chandigarh

www.mcmdavcwchd.edu.in

Botany Department

Annual Report 20-21

- **“Plantation Drive” organized by the Department of Botany to mark the celebration of Van Mahotsav on 13.7.2020**

Committed to the cause of “Cleaner and Greener Earth” the Department of Botany, Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh celebrated the annual tree planting festival of Van Mahotsav. A tree plantation drive was organized by Dr. Gunjan Sud on 13.7.2020 to mark the occasion. The drive commenced with the plantation of a tree sapling by the Principal Dr. Nisha Bhargava. Following this tree saplings and plants of medicinal importance were planted in different areas of the college including the Rishi Vatika, Green House and Artificial Forest norms of social distancing and sanitization which are essential under the prevailing circumstances which have arisen as a result of COVID-19 Pandemic.



Principal Dr. Nisha Bhargava planting a tree sapling during the plantation drive to mark the celebration of Van Mahotsava on 13.7.2020.

- **Inter college contest on “create your own miniature garden” organized by the Department of Botany on 17.9.2020**

Mehr Chand Mahajan DAV College for Women has been a forerunner in being committed to the cause of preserving and saving the environment. Strengthening these claims further the Department of Botany organised an Inter College Competition on “Create your own Miniature Garden”. The event was coordinated by Dr. Gunjan Sud. Under the present scenario of stress and uncertainty this competition provided an opportunity to the young minds to channelize their energy positively and bring out their creative potential. Entries were received from students of colleges across different states. Dr. Puja Sharma, Associate Professor and Scientist, Department of Floriculture and Landscape Architecture, Dr. Y.S. Parmar University of Horticulture and Forestry, Nauni, Solan judged the entries. Results were declared on 17.9.2020. First ten positions were adjudged and will be provided the e certificates. Tanvi of Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh got the first prize. The second prize went to Sylvi Goyal of Government Home Science College, Chandigarh and the third prize was bagged by Chetna Aggarwal of PGGCG-11, Chandigarh.



Dr.Puja Sharma giving her demonstration on miniature garden



First Prize

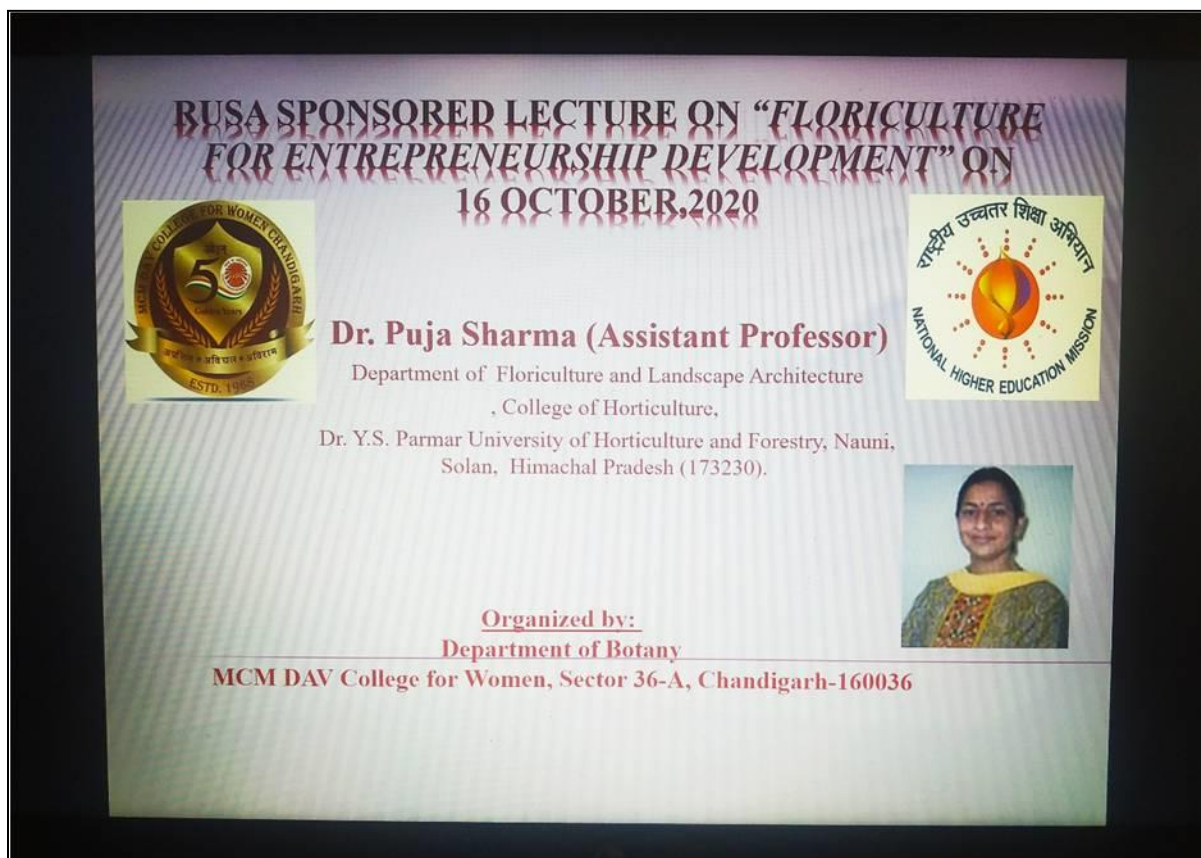
- **RUSA sponsored online awareness lecture entitled “Floral Diversity and Plant Conservation Issues in India” on 5.10.2020**

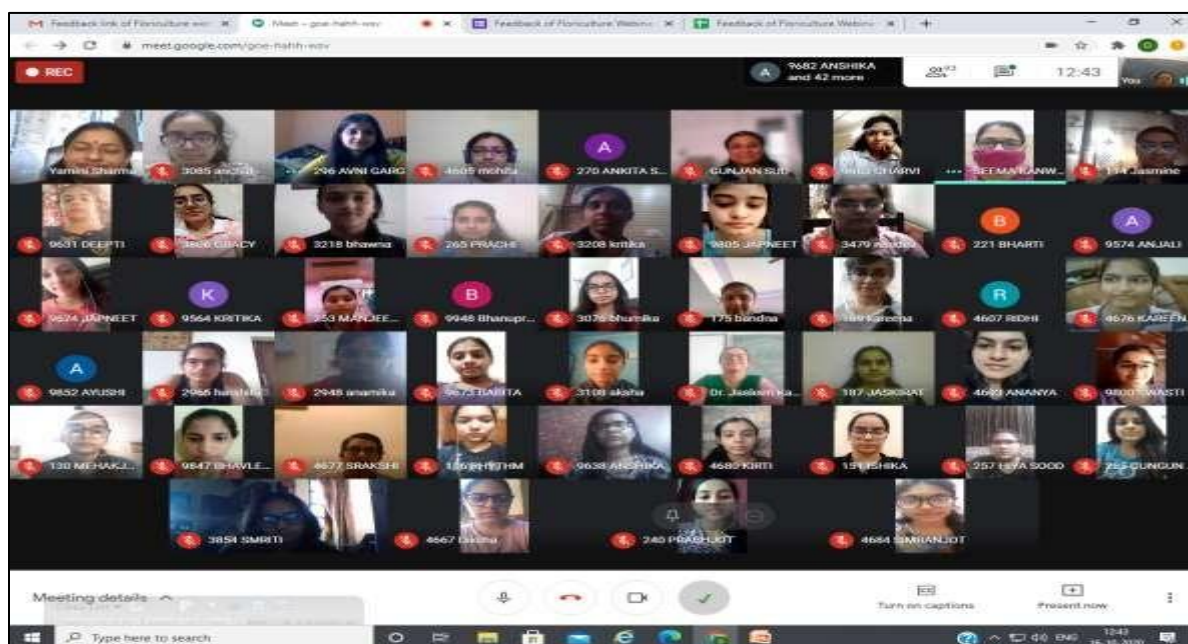
To mark the dual celebration of the International Habitat Day which fell on October 5, 2020 and the Wildlife Week which is celebrated every year between October 2-8, the Department of Botany, Mehr Chand Mahajan DAV College for Women, organized a RUSA sponsored online awareness lecture entitled “Floral Diversity and Plant Conservation Issues in India” on 5.10.2020. The educative lecture delivered by eminent scientist Dr. Gopal Singh Rawat, Former Dean and Director, Wildlife Institute of India (WII) Chandrabani, Dehradun was attended by hundred and one participants including students and faculty. The lecture was coordinated by Dr. Gunjan Sud.



- **One day RUSA sponsored online Start Up Workshop on “Floriculture for Entrepreneurship Development” on 16.10.2020 Held by the Department of Botany, Mehr Chand Mahajan DAV College for Women**

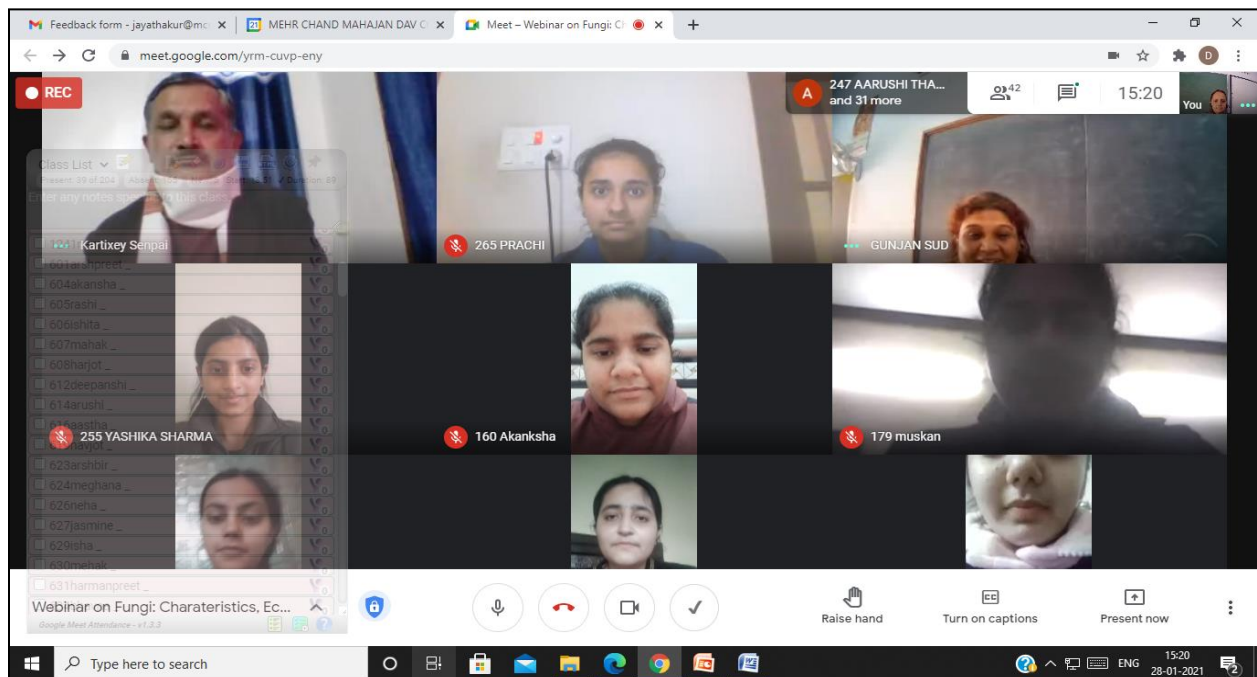
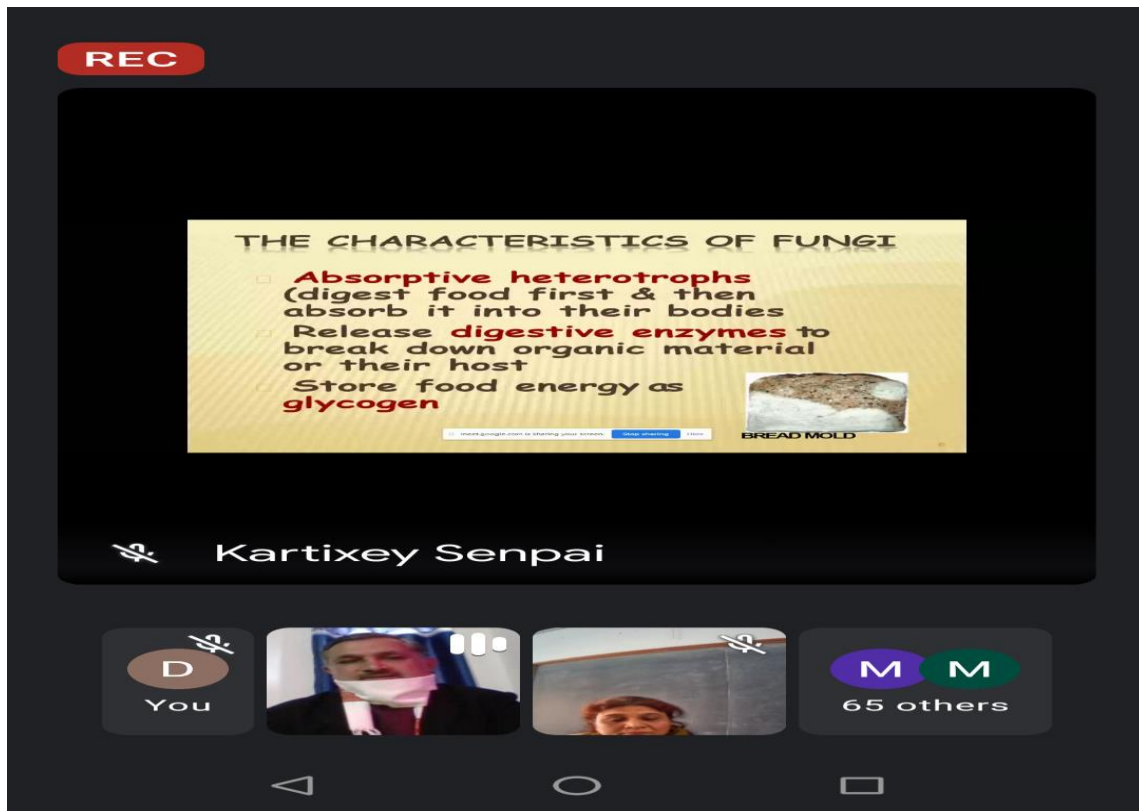
The Department of Botany, Mehr Chand Mahajan DAV College for Women organized a One Day RUSA sponsored online Start Up workshop on “Floriculture for Entrepreneurship Development” on 16.10.2020. Dr. Nisha Bhargava, Principal shared her views on the subject starting with her beautiful self composition and encouraged the students to take up the skill development courses such as Add on Course in Floriculture and Landscaping which is being run by the college. This was followed by a formal welcome by the RUSA Coordinator Mrs. Neena Sharma. The resource person Dr. Puja Sharma, Associate Professor cum Scientist, Department of Floriculture and Landscape Architecture, Dr. Y.S. Parmar University of Horticulture and Forestry, Nauni, Solan gave an enlightening talk on different aspects of Floriculture. She explained how both landless people and the ones with large land holdings can avail the different opportunities provided by this field. One hundred one participants took part in the webinar which was organized by Dr. Gunjan Sud, Assistant Professor, Department of Botany.





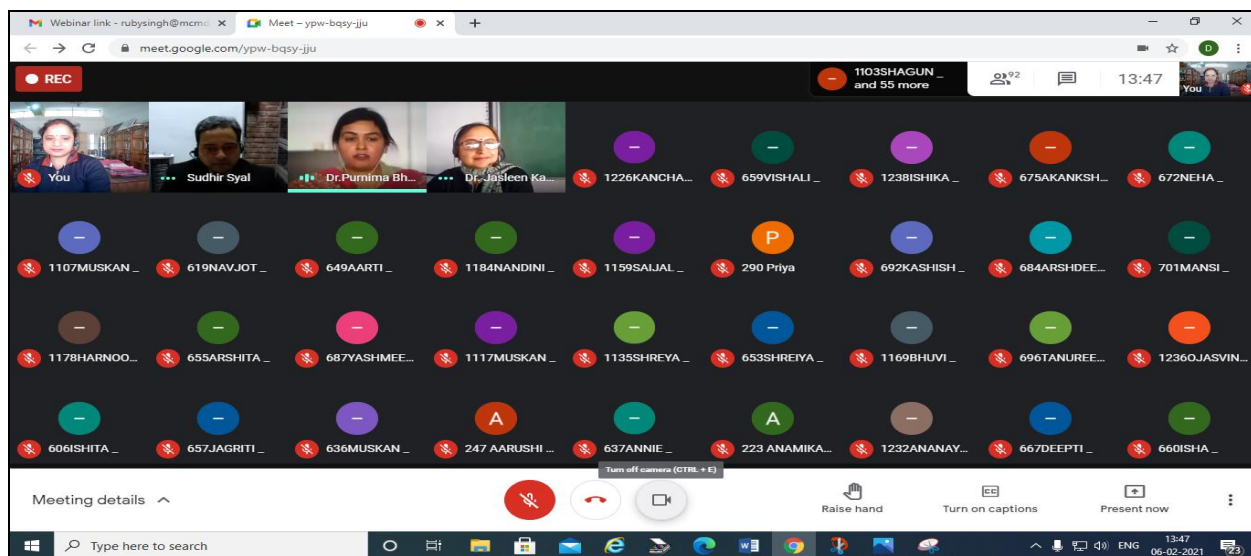
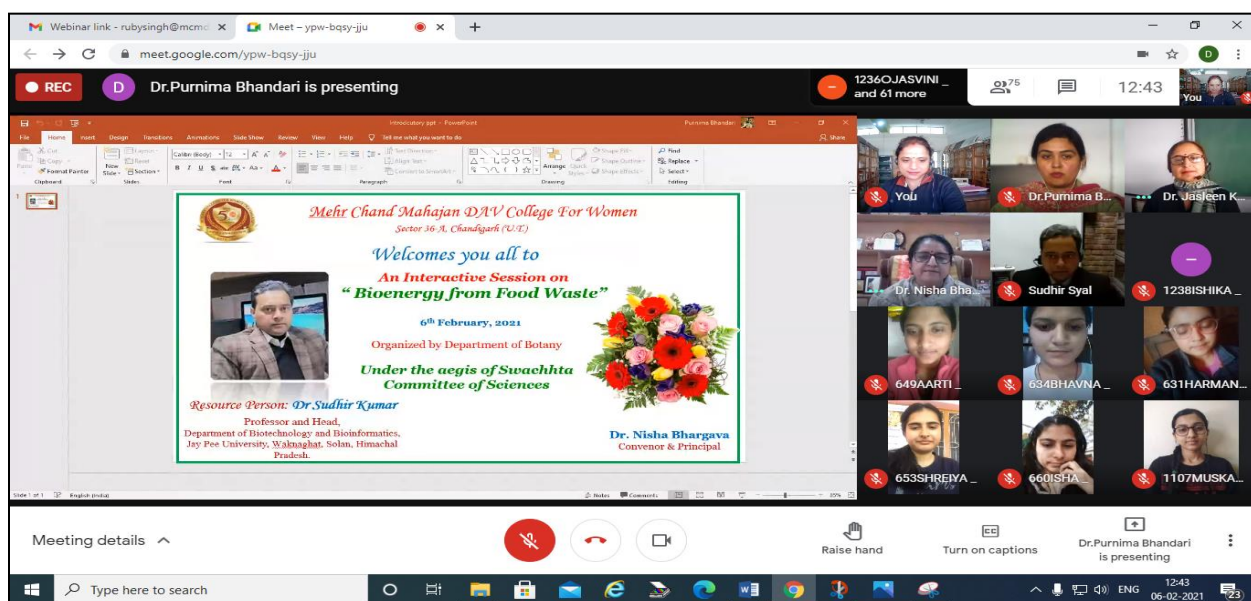
- **One day online Webinar on “Fungi: Characteristics, Ecology and Economic Importance” on 28.01.2021 held by the Department of Botany, Mehr Chand Mahajan DAV College for Women**

The Department of Botany, Mehr Chand Mahajan DAV College for Women organized a One Day online webinar on “Fungi: Characteristics, Ecology and Economic Importance” on 28.01.2021. The resource person Dr. Anand Sagar, Professor & Chairperson, Department of Environmental Sciences, Himachal Pradesh University, Summerhill, Shimla gave an articulate talk on different aspects of Fungi. He explained the general characteristic feature of fungi, their habit, habitats, phenomenon of alternation of generation and uses of different species of fungi in Agriculture and pharmaceutical industries. Since the lecture was compulsory for the students of B.Sc. first year (Medical), around sixty seven participants took part in the webinar which was organized by Dr, Gunjan Sud (Head & Assistant Professor) and Dr. Jaya Thakur (Assistant Professor), Department of Botany.



- **An Interactive Session on Bioenergy from Food Waste**

On 6th February, 2021, Department of Botany under the aegis of Swachhta Committee of Sciences organized an interactive session on **“Bioenergy from Food Waste”** where the resource person of the session was Dr Sudhir Kumar, Professor and Head, Department of Biotechnology and Bioinformatics, Jay Pee University, Wagnaghat, Solan Himachal Pradesh. The webinar witnessed the enthusiastic participation of around 95 participants. In her inaugural address, worthy Principal of the college Dr. Nisha Bhargava dwelt upon the need of harnessing renewable sources of energy including solar energy and biogas and enlighten the audience about the sustainable approaches undertaken by our College under Swachhta practices/Swachh Bharat scheme. During the session, Dr. Sudhir gave insights about the different waste management practices including the production of biofuels in form of Biogas.



- **“Tree Plantation Drive” organized on 20.3.2021 by the Department of Botany to mark the celebration of World forest Day**

Committed to the cause of “Cleaner, Greener and Sustainable Earth” the Department of Botany, Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh celebrated the International day of Forests. The theme of this day for 2021 is “Forest restoration: a path to recovery and wellbeing”. Adhering to this theme a tree plantation drive was organized by Dr.Gunjan Sud on 20.3.2021 to mark the occasion. The drive commenced with the plantation of a tree sapling by the Principal Dr. Nisha Bhargava. Following this, tree saplings were planted in different areas of the college by the faculty and staff of the Department. Free saplings for the purpose were obtained from the Botanical Garden Sarangpur, Department of Forests and Wildlife, Chandigarh Administration The entire event was conducted following proper norms under the prevailing circumstances which have arisen as a result of COVID-19 Pandemic. In all 7 people including Principal Madam, 3 faculty members of the Botany Department, 1 lab assistant and 2 malis participated in the drive.





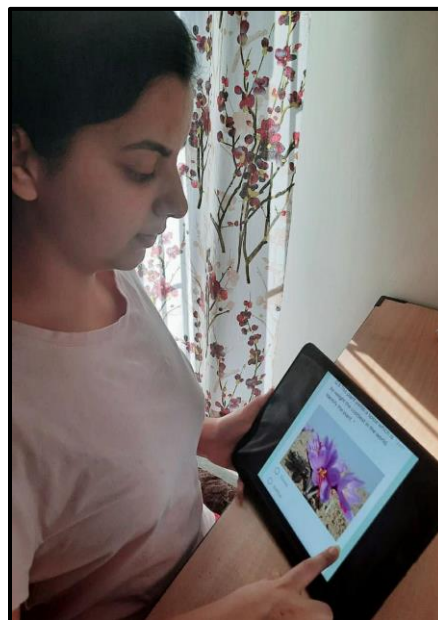
- **Plantation Drive to mark the celebration of Amrut Mahotsav on 22.03.2021**

Committed to the theme of the green good deed of the week, the Department of Botany, Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh celebrated the annual tree planting festival on the World Forest day. A tree plantation drive was organized to mark the occasion. The drive commenced with the plantation saplings by the Principal Dr. Nisha Bhargava in the college campus. Following this, saplings were planted in different areas of the college and Village Butrela sector 41, Chandigarh as well. The entire event was conducted following proper norms of social distancing and sanitization which are essential under the prevailing circumstances which have arisen as a result of COVID-19 Pandemic.



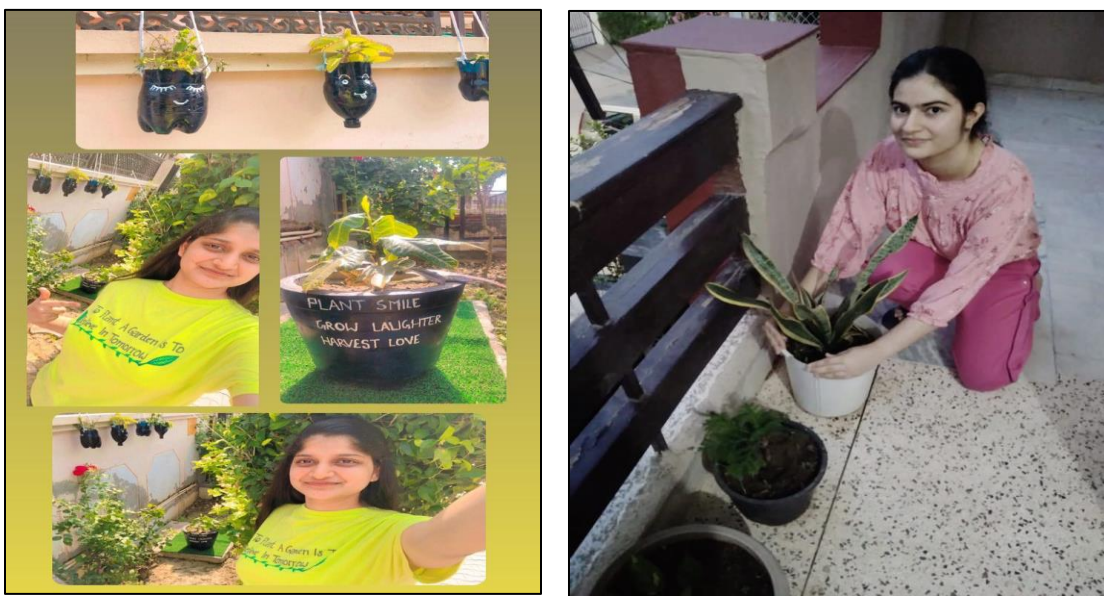
- **National Level Online Quiz on Biodiversity held on 22.05.2021**

The International Day for Biological Diversity is annually observed on 22 May. This year 2021 the theme is “We’re part of the solution”. Biodiversity plays an important role in upholding the balance of the earth. Keeping in view the relevance of the day, Department of Botany organized a National level Online Quiz on Biodiversity where around 103 students from more than 13 different cities across the country participated. The quiz was based on the several facts based on biodiversity of plants, animals and their intricate relationship.



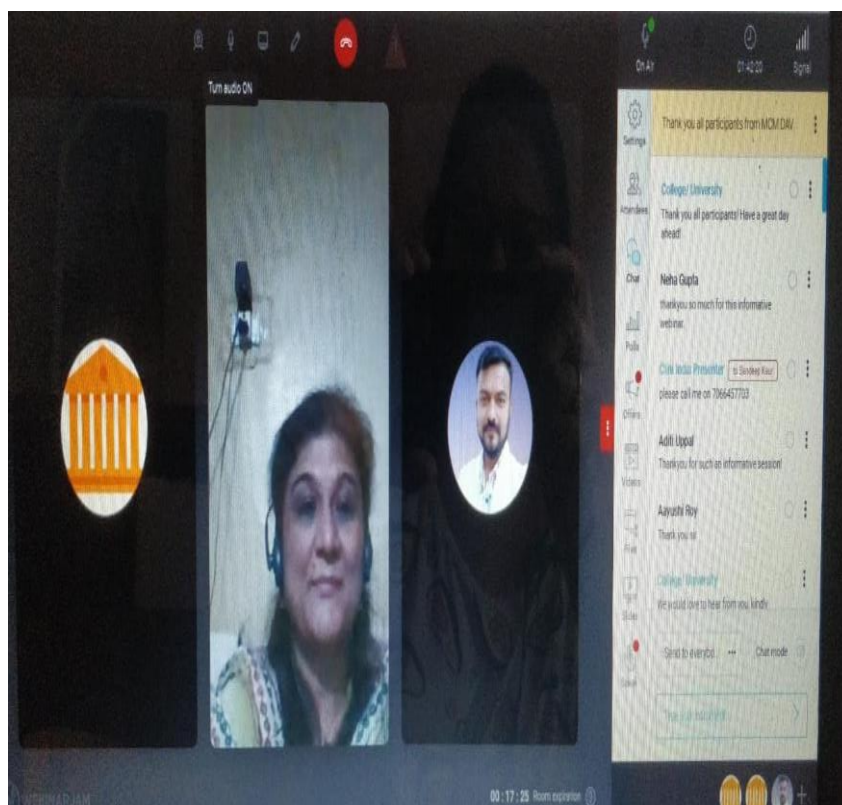
- **“Keep Indoor Plants in room to Purify Air” to mark the celebration of Amrut Mahotsav under the aegis of MCM Eco Club**

The Department of Botany organized an Activity entitled Keep Indoor Plants in room to Purify Air under the Aegis of Amrut Mahotsav and MCM Eco Club. Students of B Sc. (Med) took part in the activity and celebrated the World Environment Day which falls on the 5th of June every year. Under the prevailing circumstances there is a dire need to maintain a healthy indoor environment as most of our time is spent inside the houses. This activity was organized to spread a message related to the important role of plants in cleaning the air around us. Taking up such activities not only help in improving the quality of our environment but also add an aesthetic value to it which in turn helps us in establishing closeness with Mother Nature.



- **Webinar on Importance of profession ready training in clinical research, Pharmacovigilance, Data management and other domains held by the Department of Botany on 9.6.2021**

Looking at the current industry expectation regarding technical and non-technical skills from the fresh graduates, the Department of Botany, Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh organized a webinar on importance of profession ready training in Clinical Research, Pharma covigilance, Data management and other domains on 9.6.2021. The webinar was organized in association with Clini India, a certified clinical research training institute for the passing out students of the Life Science stream. Clini India is a progressive and premier clinical research training and placement institute that has rapidly gained a good reputation and continued throughout with excellence through its innovative approach in clinical research training & placement. The resource person Mr. Vishal Chaudhari, Head of Operations Clini India explained about the expectations of the industry from the freshers and how they can prepare themselves to create a path of success for themselves in this era of cut throat competition. This session will help candidates to be prepared and take a step ahead for their career. In all 97 participants including the faculty and students took part in this much appreciated online lecture.



WHAT IS CLINICAL RESEARCH ?

Clinical research is a branch of health care science that determines the safety and effectiveness (efficacy) of medications, devices, diagnostic products and treatment regimens intended for human use

For the assessment of

- New drugs
- New use of existing drug
- Use of medical devices
- New drug delivery system
- Vaccines
- New surgical procedures

CLINI INDIA welcomes all participants from MCM DAV
www.clinindia.com

Good Morning all , I am Divruka of Bsc, MFT II YEAR from MCM DAV college for women ,chandigarh.

Aarti 649
Good morning mam

Ritu Kumari
Good morning everyone, I am Ritu, of bsc mft III from mcm dav college for women, chd

Preeti Panchal
Yes mam

College/ University
Good morning everybody! CLINI INDIA welcomes you!
<https://www.clinindia.com/five-reasons-why-you-should-consider-a-clinical-research-career/>

Preeti Panchal
Good morning mam

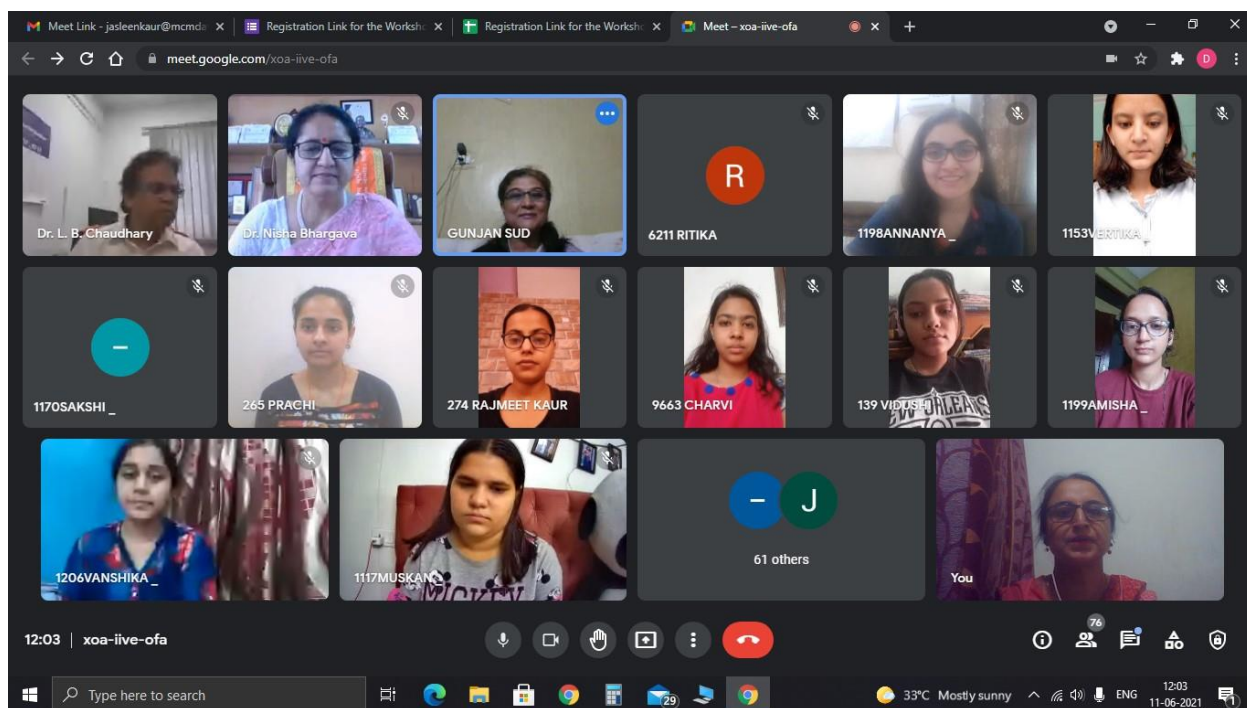
College/ University

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- **One Day online Workshop entitled “Insight into a Herbarium and Herbarium Methodology” dated 11.06.2021**

The Department of Botany and Add on Course in Floriculture and Landscaping, Mehr Chand Mahajan DAV College for Women, sector 36A, Chandigarh organized a One Day online Workshop entitled “Insight into a Herbarium and Herbarium Methodology” on 11.6.2021. The resource person Dr. Lal Babu Chaudhary, Senior Principal Scientist & Curator of Herbarium and Professor in AcSIR, Plant Diversity, Systematics & Herbarium Division, CSIR-National Botanical Research Institute (Ministry of Science and Technology, Govt. of India), Lucknow gave a comprehensive talk on different aspects of Herbarium Methodology. 94 students of BSc. Medical participated in the online workshop which was organized by Dr.Gunjan Sud (H.O.D) and Dr. Jasleen Kaur (Assistant Professor) Department of Botany.



Meet Link - jasleenkaur@mcmd... x Registration Link for the Worksh... x Registration Link for the Worksh... x Meet - xoa-iive-ofa x +

meet.google.com/xoa-iive-ofa

REC Dr. L. B. Chaudhary is presenting

Insight into a herbarium and herbarium methodology

Dr. L. B. Chaudhary
Senior Principal Scientist &
Curator of Herbarium

Plant Diversity, Systematics & Herbarium Division
CSIR - National Botanical Research Institute
Lucknow - 226 001

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GUNJAN SUD	Dr. L. B. Chaudh...	Dr. Nisha Bharg...
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1167JASMINE_	72 others	You

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