

**POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS,
SECTOR-11, CHANDIGARH**



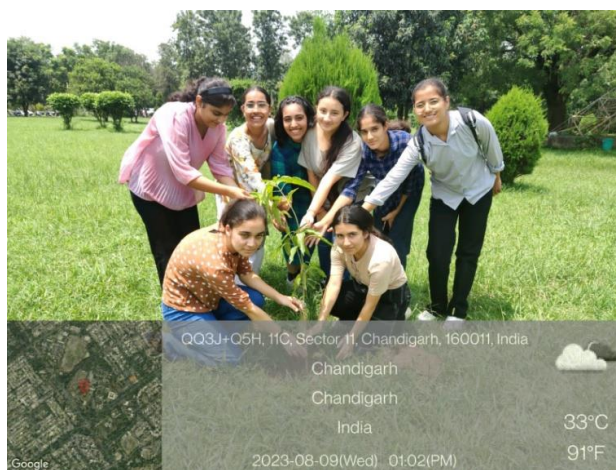
**Botany
(Session: 2023-24)**

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Tree Plantation

Department of Botany organized a tree plantation drive on **9th August, 2023** to mark the beginning of new session. 50 students along with faculty members of Botany planted tree saplings of avenue and fruit trees such as Mango, Gulmohar, Ficus and Palash in the lawn adjoining Green House. This plantation was done as a part of orientation to inculcate in students the sense of responsibility towards our Environment.



Students planting saplings in the lawn



Faculty members and students planting tree saplings

Orientation Programme for PG Classes

Department of Botany organized an Orientation programme for PG classes on **5th September, 2023** to apprise students of the system to be followed in the college for curriculum, house examination, semester examination, lecture shortage, tutorials and theory as well as practical classes. There was an interactive session during which 50 students of MSc I and MSc II Botany interacted with each other. The faculty members of Botany also interacted with them.



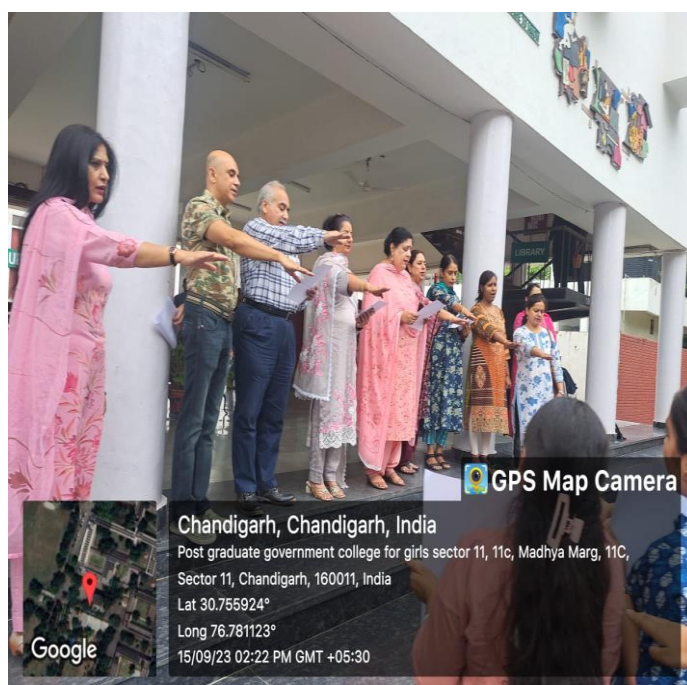
Students of MSc Botany along with faculty members during orientation



Interactive session

Pledge followed by Awareness Rally on Swachhata Pakhwada

Department of Botany organized a Pledge and Awareness rally on Swachhata to create awareness amongst students about benefits of cleanliness on **15th September, 2023**. During the event, Principal Prof. (Dr.) Anita Kaushal administered a pledge to the faculty members and the students. The pledge was about saying no to plastic, and to replace plastic items in our houses with eco-friendly products such as jute bags for usage purposes. They may appear costlier, but they can be reused and are much safer for the environment. Similarly, plastic containers and bottles can be replaced by healthier metal counterparts. This was followed by a rally to create awareness on cleanliness of the environment and to avoid plastic products. About sixty students along with ten faculty members participated in the event.



Principal Prof.(Dr.) Anita Kaushal, Faculty members and Students taking Pledge on Swachhata Pakhwada



Principal Prof. (Dr.) Anita Kaushal flagged off the rally



Students carrying out rally in the campus

A Talk On Nitrogen Fixation Followed By An Interactive Session

Green Thumbs – The Botanical Society in collaboration with NOSTALGIA – The Alumni Association of PGGCG-11, Chandigarh organized a talk on Nitrogen Fixation followed by an Interactive Session on **16th September 2023**. The resource person was Dr. Shyna Bhalla, Assistant Professor (Life Sciences), Rayat Bahra University, Mohali. She is an alumnus of Botany from 2014-2016 batch. She gave her powerpoint presentation on an important topic “Nitrogen Fixation” from Plant Physiology. The programme started with her introduction to students by Dr. Amit Jakhhal. All the faculty of Botany along with 44 students of M.Sc. II Botany were benefitted by her expert knowledge on the topic. The presentation was followed by an Interactive session. Dr. Shyna guided M.Sc. students regarding preparation of various entrance exams including NET-JRF. She answered various queries raised by the students. She emphasized on carrying out self-assessments during the preparation. Dr. Anurita Sharma, HOD Botany along with other faculty members of Botany presented a token of appreciation to the resource person. The programme ended with vote of thanks by Ms. Ruchika, CR, MSc II Botany.

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COURAGE TO KNOW

G20
भारत 2023 INDIA

POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS
SECTOR 11, CHANDIGARH

Green Thumbs – The Botanical Society
in collaboration with
NOSTALGIA – The Alumni Association
organizes
A Talk on Nitrogen Fixation
followed by
An Interactive Session
by our alumnus
on 16.09.2023 (Saturday) at 10.30 am in PG Lab of Botany


Dr. Shyna Bhalla
Assistant Professor
Department of Life Sciences
Rayat Bahra University, Mohali


Prof. (Dr.) Anita Kaushal
Principal and Patron

Convener:
Organizing Committee:

Dr. Anurita Sharma
Dr. Madhumita Bhattacharjee
Dr. Anju Pehwal
Dr. Amit Jakhhal
Dr. Shikha Sharma

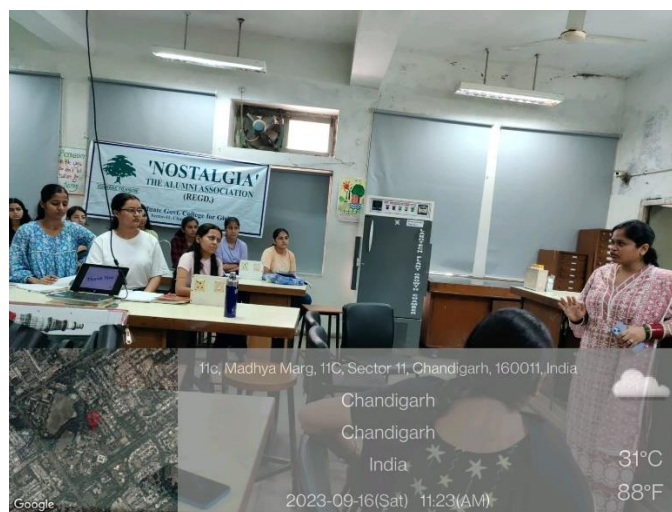
Brochure of the event



Resource person along with faculty members of Botany



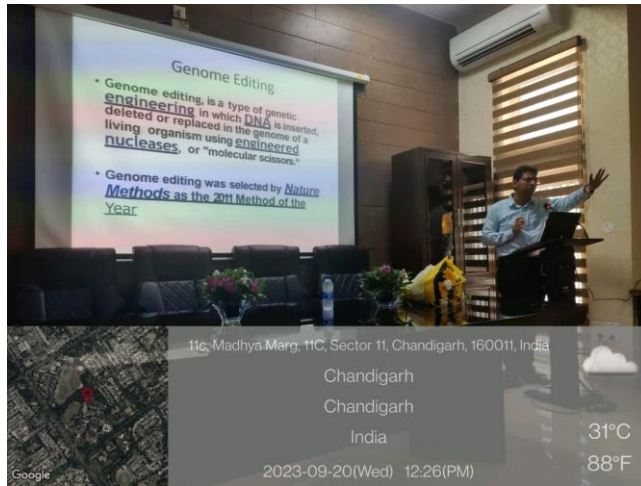
Dr. Shyna Bhalla giving her presentation



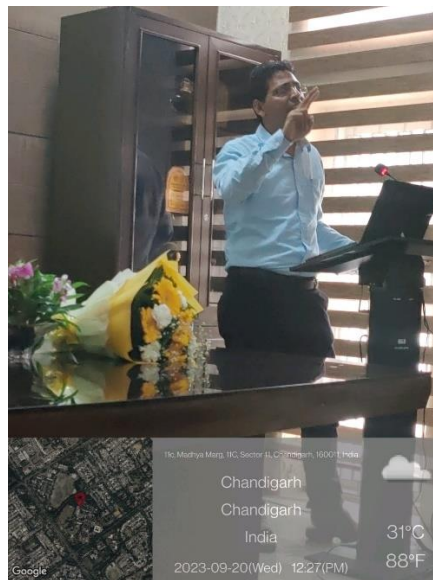
Interactive session

Lecture on "Crispr/Cas9-Mediated Plant Genome Editing: Introduction, Application and Challenges"

Jigyasa - the Science Society of PGGCG-11 under the aegis of IQAC organized One-day National Seminar on "Emerging Interdisciplinary Approach for Global Wellbeing" on **20th September, 2023**. On this occasion, Department of Botany conducted a lecture on "CRISPR/Cas9-mediated Plant Genome Editing: Introduction, application and challenges". Dr. Vinay Kumar, Associate Professor, Department of Botany, School of Basic & Applied Sciences, Central University, Bhatinda (Punjab) was the resource person. The programme started with the introduction of the resource person by Dr. Shikha Sharma, Assistant Professor, Botany. She narrated various achievements of the resource person. After introduction, Dr. Shikha invited him to deliver his talk. His talk was based on CRISPR/Cas9-mediated Plant Genome Editing, its usage and utilization for creating transgenic plants. He explained DNA repair mechanisms and genome modifications in different organisms especially plants for various applications. He also mentioned Nobel Laureates in the related field and their contribution in the human evolution. He also talked about his completed and ongoing research projects on various agricultural and wild plants. Around 70 students and 20 faculty members from different colleges attended the lecture. The presentation was very informative, knowledgeable and engaging. It was followed by interaction with students. He motivated students to take up new challenges in the field of research. He also enlightened the students about various scientific researches and motivated students for the same. He also motivated the students to focus more on their mental health by quoting "A health mind is the nurturer of a healthy society." Overall it was a great interactive and learning session. Faculty and students both were benefitted by expertise knowledge of the resource person. The resource person was honoured with token of appreciation presented by Dr. Madhumita Bhattacharjee, Associate Professor, Botany along with other faculty members.



Presentation by Resource Person Dr. Vinay Kumar



Dr. Vinay Kumar interacting with students after presentation



Token of appreciation being presented to the resource person by faculty members

A Talk on Aahar Kranti

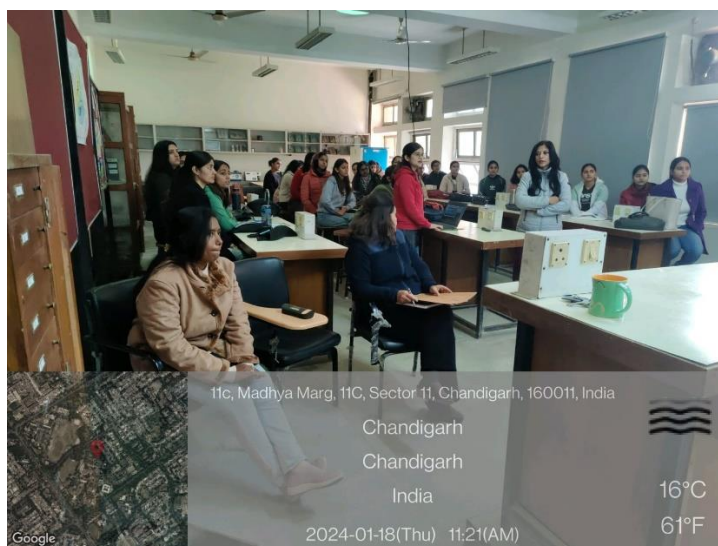
Under the able guidance of Principal Prof. (Dr.) Anita Kaushal, a talk on awareness regarding millets was held on 18th October, 2023 in the Seminar Room. About 60 students of our college were made aware about the rising importance of millets in our day to day nutrition. The talk was delivered by Dr. Varinder Garg, *OSD to Union Health Minister & President, PGIMER.*



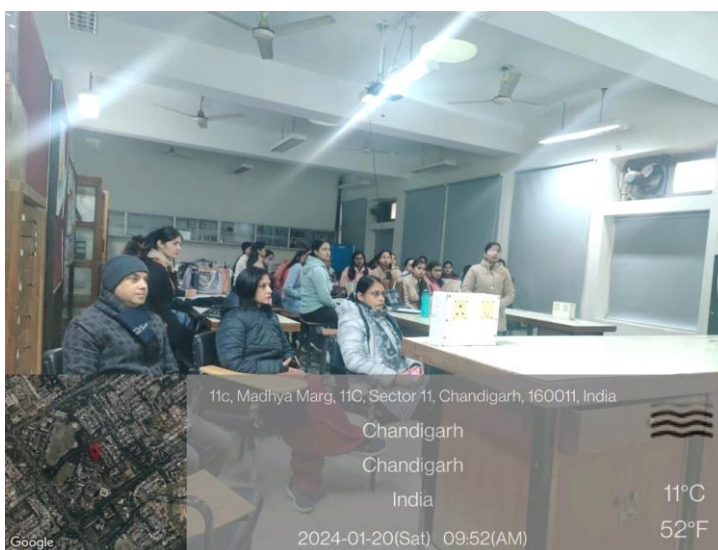
Dr. Varinder Garg, *OSD to Union Health Minister & President, PGIMER, being honoured by Principal Prof. (Dr.) Anita Kaushal*

Four-days Departmental Workshop on Powerpoint Presentation, Theme: Biodiversity conservation

Botany Department organized a "Four-days Departmental Workshop on Powerpoint Presentation, Theme: Biodiversity conservation" for PG students from **18th January to 20th January and 22nd January, 2024**. A total of 38 students of MSc I Botany and MSc II Botany participated in the event. The theme for the presentation was Biodiversity conservation. A total of 18 entries were received. All the faculty members of Botany attended and observed the presentations by the students. Students presented their powerpoint presentations very enthusiastically. They discussed various aspects of Biodiversity conservation including current trends. On the last day, the students were guided by the faculty of Botany to make their presentations more interesting and effective.



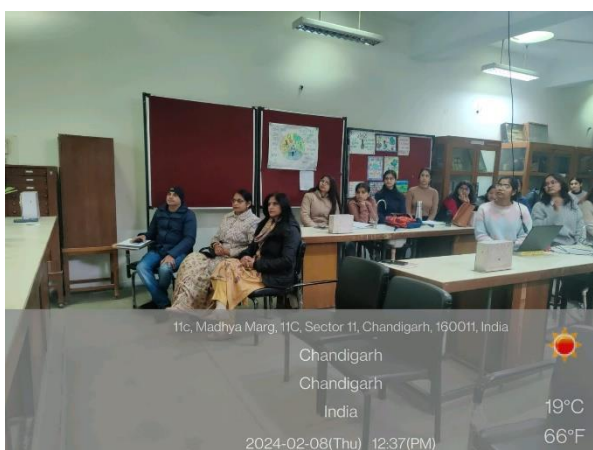
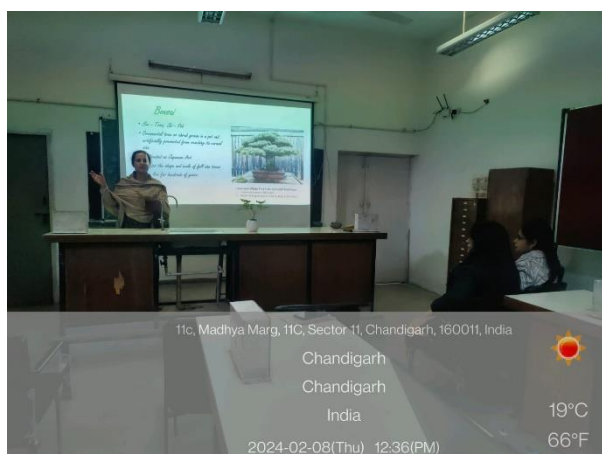
Students and faculty during the presentations



Students and faculty during the presentations

One-day workshop on Art of Bonsai

Botany Department as a part of Science Society (Jigyasa) of Post Graduate Government College for Girls, Sector-11, Chandigarh organized "One-day workshop on Art of Bonsai" on **8th February, 2024**. Dr. Jaspreet Kaur, Assistant Professor, Botany Department, Panjab University, Chandigarh was the resource person. She delivered a lecture on methodology of making Bonsai in Lab III of Botany Department. Later on, she practically demonstrated the technique in Botanical Garden of the college. The workshop was attended by 50 students of M.Sc. along with faculty members, non-teaching staff and gardeners. The lecture was very interesting and engaging. During demonstration, she gave useful tips and helped the students to get hand on practice to make bonsai of Jade and Ficus plants. The resource person was honoured by Principal Prof. (Dr.) Anita Kaushal.



Resource person giving presentation and faculty members along with students during the presentation




Students taking hands on training with resource person




Faculty members and students participating in the workshop

Interactive Session on Communication Skills and Career Guidance


An interactive session on communication skills and career guidance was organised by Botany Department of Post Graduate Government College for Girls, Sector – 11, Chandigarh on **20th May, 2024**. Ms. Shivani Agrawal, an Educational Consultant, Teacher Development Facilitator & Motivational Speaker was the resource person. Ms. Shivani discussed about power of communication in personal and professional life. She also enlightened the students about framework of speech and SWOT analysis helping students to improve their communication skills. She also spoke on public speaking, interview and leadership skills. Various issues related to student's career such as time, stress management and campus to corporate transition were also discussed by her. She made the lecture very interactive and interesting through student's participation. The workshop was attended by 40 students of M.Sc. and B.Sc. along with faculty members. After the session, she answered the queries of the students. The students were benefitted with her expertise skills.



POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS,
SECTOR 11, CHANDIGARH



Department of Botany
organizes
An Interactive Session
by
Ms. Shivani Agrawal
An Educational Consultant & Motivational Speaker



Date: 20.05.2024 (Monday)
Time: 1.00 pm
Venue: Room No. 34

Ms. Shivani Agrawal

Principal and Patron: **Prof. (Dr.) Anita Kaushal**
Convener: **Dr. Anurita Sharma**
Organizing Committee: **Dr. Madhumita Bhattacharjee**
Dr. Anju Pehwal
Dr. Amit Jakhla
Dr. Shikha Sharma

Brochure of the event



Speaker giving her presentation



Audience involvement in an activity



Speaker interacting with students