

POST GRADUATE GOVERNMENT COLLEGE FOR GIRLS
SECTOR-11, CHANDIGARH



COURAGE TO KNOW

Name of the Department: Botany
(Session:2020-2021)

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Manish
Principal

Post. Graduate Govt. College for Girls
Sector 11. Chandigarh

Regional Campaign on Plantation and Geo-tagging

Van Mahotsav is an annual tree plantation movement in India celebrated on **16th July, 2020** to create awareness about the bad effects of deforestation. Botany Department, Post Graduate Government College for Girls, Sector11, Chandigarh, is taking initiative to organise “Regional Campaign on Plantation and Geo-tagging” with a theme “If you plant a tree, you plant a life”. The objective of campaign is to encourage community outreach and to raise public awareness on environmental pollution and plant conservation. The pioneer campaign witnessed massive public support and cooperation; around 400 people from Chandigarh, Delhi, Haryana, Himachal and Punjab participated, belonging to different strata of society ranging from, businessmen, doctor, lecturers students and housewives. The main aim of Geo-tagging plantation is preservation of nature and eco-restoration, a best gift to society.



Plantation and Geo-Tagging by Teaching Faculty



Plantation and Geo-Tagging by Non-Teaching Faculty

Release of Virtual Wall Magazine “New Scientist-A Periodical ‘Rafflesia’ Issue 1

Botany Department, Post Graduate Government College for Girls, Sector 11, Chandigarh, launched a Virtual wall magazine “New Scientist-a periodical, on 17th July, 2020. It is an integral part of Botany Department, where students refresh their knowledge with recent findings and express their skills posting articles. “New Scientist-a periodical”, an extraordinary window for learning opened the doors of creativity and nurtured students’ imaginations and give wings to young girls to soar the sky. It provides a beautiful medium to enable the students to express their internal feelings, developing positive and desirable qualities and learn writing skills. The main objectives of mobilizing virtual wall magazine in this COVID-19 era is to reflect the identity of education institute and provide a wonderful platform for these young potential ones to show case their talent and express themselves into a conglomeration in COVID-19 era and to initiate community outreach, pupil-teacher interaction and provide forum to communicate opinions, ideas and information of students activities-an excellent community outreach.



Cover page of Virtual Wall Magazine

New Scientist-Periodical "Rafflesia" Vol. 1, June-Aug, 2020 Post Graduate Government College For Girls Sector 11 Chandigarh	
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Tree plantation drive to celebrate 74th Independence Day

Botany Department organized a tree plantation drive in the campus to mark the 74th Independence Day, celebrations on **15th August, 2020**. The function was attended by special invitee, Mr Kuljeet Singh Sandhu, Sarpanch Dhanas Village, adopted by College under Unnat Abhiyan, faculty members and programme officers of NSS. More than 100 saplings of medicinal and ornamental trees of *Azadirachta indica* (Neem), *Butea monosperma* (Flame of the Forest; Palash), *Cassia fistula* (Amaltas), *Mangifera indica* (Mango), *Mimusops elengi* (Maulsari), *Tamarindus indica* (Imli), *Putranjiva roxburghii* (Putranjiva), *Tinospora cordifolia* (Giloy) were planted across the campus maintaining social distancing norms.



Tree plantation by Principal



Brochure



Tree plantation by Sarpanch Dhanas Village

Sapling plantation on Ozone Day

Botany Department (Green Thumb) of Post Graduate Government College for Girls, Sector 11, Chandigarh carried out plantation drive on the occasion of International Ozone Day on **16th September, 2020**. Teaching faculty from various department such as English, Hindi, Punjabi, Political Science, Public Administration, Geography, Botany, Zoology, Physics and Chemistry planted more than 100 multipurpose trees of medicinal and ornamental value i.e Ashoka (*Saraca indica*), Azadirachta indica (Neem), GulMohar (*Delonix regia*), Mango (*Mangifera indica*), Harshingar (*Nyctanthesarbortristis*), Palash (*Butea monosperma*), Tecoma (*Tecoma stans*).The importance of growing trees to bring down carbon dioxide emissions and thereby hampering depletion of the ozone layer. The ozone layer prevents high frequency ultraviolet rays of the sun from reaching the earth, thus protecting human beings from skin cancer and host of other diseases.



Sapling plantation by Dr. Tanuja Pathak, English Department



Sapling plantation by Dean, Dr. Ajay Sharma

Intra-College Declamation Contest

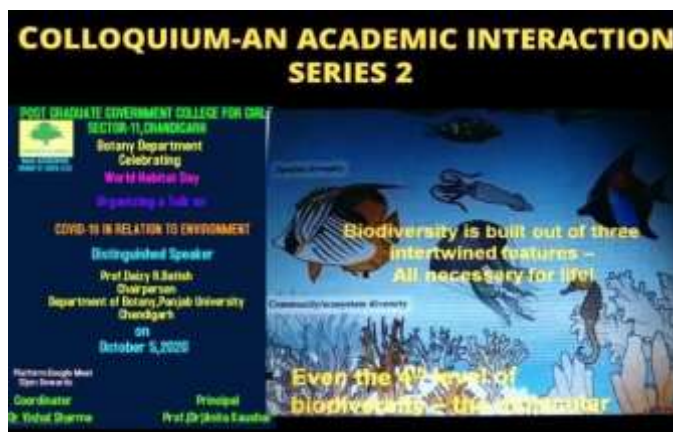
Botany department organized declamation contest on topic “To facilitate parallel study on impact of 1918 Spanish pandemic and Covid-19 with mitigation measures adopted to control pandemics on **20th September,2020** in which more than hundred UG and PG students participated. Declamation helps to enhance participant diction, stage presentation skills, boost their self-confidence and public speaking skills. The participants gain valuable skills that will serve them well in the years and decades ahead. The declamation competitions offer a chance for participants to gain substantial experience, evaluate outcomes and a great platform to display knowledge and skills amasses over a years.



Students participating in Intra-College Declamation Contest

Talk on “COVID-19 in Relation to Environment” to celebrate World Habitat Day

The second series of Colloquium-an academic interaction occurred on **5th October,2020** on theme Biodiversity and lecture was delivered in backdrop of COVID-19 by Prof. Daizy R. Batish, Chairperson, Botany Department, Panjab University, Chandigarh on Covid-19 in relation to Environment and the lecture which focused on effects of COVID-19 on environment and mitigation measures to deal with it, was attended by 100 UG & PG students.



Brochure of the Event

Cleanathon (Sanitation and Fumigation Drive)

Botany Department organized a five-day cleanliness drive called Cleanathon (cleanliness, sanitation and fumigation drive) bi-annually in the sprawling campus. The second Cleanathon was organised on **18th to 23th November, 2020** in campus .in pursuant to the vision of Principal, Prof. (Dr)Anita Kaushal. The Cleanathon is a social project in which the hostels and the adjoining areas are also cleaned to promote healthy and hygienic surroundings. The sanitation drive creates the infection - less and cleaner environment. The college stand to the fundamentals of prosperity with cleanliness and nurturing the young girls mind, who are about to foot in the world scenario with value based education regarding cleanliness, its awareness and benefits.



Fumigation in Class Rooms



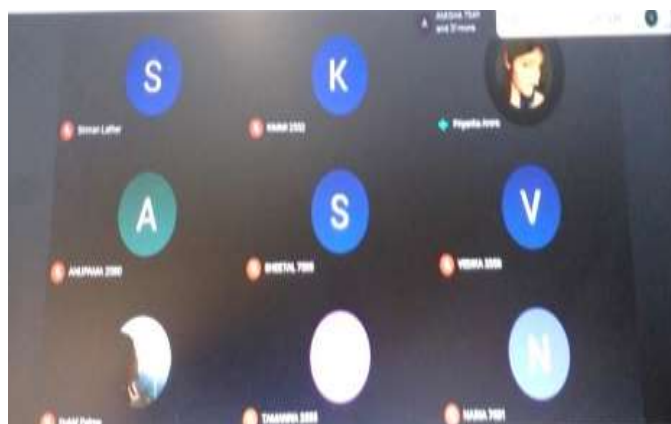
Fumigation outside the Departments

Web Talk of Full Proof Strategy to Crack the CSIR-NET Examination

A web talk was organized on **21st March, 2021** to apprise the students of various strategies to crack CSIR-NET. In this event, alumni of the college who were able to crack CSIR-NET were invited. They interacted with the students and answered their queries. The main inferences of the Alumni talk were: Time Management Skills, Practice Mock Tests, Positive Attitude, Examination Analysis and Clear Concepts. The practice of going through previous UGC NET Examination papers and tries to analyze the frequency or the pattern of repeating questions/concepts, as this to be useful for most students. Approximately 40 PG students along with 5 teachers attended the talk.



Brochure of the Event



Web Talk of Full Proof Strategy

Colloquium series 3 on Climate change and Carbon Footprint: An International Chapter

A Colloquium (an academic conference) was organized on **16th April, 2021**. The distinguished speaker of the series is Himangana Gupta, a JSPS-UNU Postdoctoral Fellow at the University of Tokyo and United Nations University Institute for the Advanced Study of Sustainability (UNU-IAS). She is a certified expert in climate adaptation finance and adaptation ambassador of the Frankfurt School of Finance and Management, Germany. She stressed on reducing the atmosphere carbon footprints, which results climate change and to have sustainable development, the carbon mitigation is necessary. A large number of students (approx. 100) harvested knowledge listening to the series of lectures. The Colloquium showcased student research through poster and oral presentations and provide platform to the undergraduate and postgraduate students to share their views and research and improve their diction and presenting skills.



Brochure of the event



Colloquium series 3 on Climate change and Carbon Footprint

Colloquium series 4 on Role of Biotechnology in Conservation of Biological Materials

The Colloquium provides a friendly interface that allows panel members to input data and monitor the execution study. The series 4 of the colloquium was held on **22nd May, 2021** to celebrate International Day of Biological Diversity. Prof. Raj Kumar Salar, Professor Department of Biotechnology, Chaudhary Devi Lal University, Sirsa appraised more than 100 PG and UG students about the recent advances in the field of Biotechnology and its role in Conservation of Biological Materials.



Brochure of the Event



Colloquium Series 4

Environment Day Celebrations: No Plastic Day-Be part of the Solution

Botany Department of Post Graduate Government College for Girls, Sector-11, Chandigarh, celebrated Environment Day on **5th June, 2021** by organizing 'No Plastic Day-Be part of the Solution' by taking initiative on this day to make campus plastic free on every Saturday. For this a poster making competition was organized in which about 100 students participated with enthusiasm. PGGCG-11 has been recently conferred with Green Champion Award by MGNCRE, Ministry of Education, Government of India for its exemplary performance in eco-restoration, generates 170 kg solid waste per day, of that 17.6% is plastic waste. The objective of campaign is to encourage community outreach and to raise public awareness about the dangers brought by non-biodegradable plastic products. The college organised various activities like poster making and slogan writing competitions and interaction with stakeholders in past to mitigate the negative effects of solid waste generated and create mass awareness among students and stakeholders.



Brochure of the event



No Plastic Day-Poster Making

Intra college Declamation contest on World Environment Day

In order to create mass awareness, Botany Department organizing “Intra-College Declamation content from 5th to 8th June, 2021 on topics: Artificial Intelligence-A Game Changer for Climate Change, Human Computer Interface, Artificial/Synthetic trees, Role of recombinant Biotechnology in Human welfare, “We’re art of Solution”, Recent innovation in Basic Sciences, Global Warming, Ozone Layer Depletion. Students were apprised of the history of WED. In 1972, the UN General Assembly designated June 5 as World Environment Day (WED). The first celebration under the slogan “Only One Earth” took place in 1974. WED, a pinnacle of environment activities has developed as a platform to raise global awareness on the problems facing our environment (air pollution, plastic pollution sustainable consumption, global warming and food security) and need to take positive environmental actions. 100 students from PG and UG classes participated in the event.



Brochure of the event



Intra college Declamation contest