

Report of Department of Botany (2024-25)



**Mehr Chand Mahajan
DAV College for Women
Sector-36/A, Chandigarh**

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1. Celebration of Van Mahotsav Programme 2024

Date: 12.07.2024

Number of participants: 15



As per directions received from Department of Environment in collaboration with Forest Department, Chandigarh Administration, a plantation drive was carried out under Van Mahotsav Programme 2024 by Department of Botany and MCM Eco Club 'Parivesh' of the Mehr Chand Mahajan DAV College for Women, Chandigarh under the aegis of Swachhta Committee (Sciences). The main objective of organizing the drive was to make people aware of the importance of planting trees and enhancing the green cover of the campus. During this drive, Principal Dr. Nisha Bhargava along with the staff members planted saplings of Amrud, Apple, Shatoot, Lagerstroemia, Pomegranate at different places in the college.



2. Report on Celebration of “National Forest 2. Martyrs Day” on 11.09.2024 organized by the Department of Botany And Add-on Course in Floriculture and Landscaping

On the auspicious occasion of National Forest Martyrs Day, a Plantation cum Plant Distribution Drive was organized at Mehr Chand Mahajan DAV College for Women, Sector 36, Chandigarh. The event was a joint effort by the Jai Madhusudan Jai Shri Krishna Foundation, the Department of Botany and the Add-On Course in Floriculture and Landscaping. National Forest Martyrs Day was established to commemorate the Khejri massacre. During this tragic event, Amrita Devi Bishnoi and over 363 members of the Bishnoi community laid down their lives to protect the Khejri trees. The event began with a two-minute silence observed in remembrance of the martyrs of Amar Van, with a special homage paid to Mata Amrita devi for her remarkable contribution to the conservation of trees.

Committed to the cause of “Greener and Sustainable Earth” the Department of Botany and Add - On Course in Floriculture and Landscaping, Mehr Chand Mahajan DAV College for Women, Sector 36-A, organized a tree plantation cum plant distribution drive in collaboration with Jai Madhusudhan Jai Shri Krishna Foundation to mark the occasion. The drive commenced with the plantation of a sapling of *Cassia javanica* L. (Pink Cassia) by Principal Dr. Nisha Bhargava. Following this, saplings of plants having medicinal and ornamental importance were distributed among students, teaching and non-teaching staff members. Dr. Nisha Bhargava, Principal of the college, emphasized the vital role of women in environmental conservation. She remarked that, alongside their daily responsibilities, women could significantly contribute to the protection and improvement of the environment and inspire others to do the same.

In his address, Prabhunath Shahi, the founder of the Foundation, recounted the historical sacrifice of Mata Amrita devi and 363 villagers of Khejarli, Rajasthan in 1730 AD, who gave their lives to protect the trees. Their bravery eventually led the king to withdraw his order to cut the trees. The chief guest of the program was Mr. Rajeev Gupta, Co-Convenor of Hariyawal Punjab Chandigarh Metropolitan, who actively participated in the plantation drive. The success of the event was ensured through the support of Dr. Gunjan Sud, Head of the Botany Department; Dr. Ritu Gupta, Head of the Environment Wing of the Foundation; Dr. Ruby Singh, Dr. Jasleen Kaur, Pratap Singh Kaushal, Sanjay Kumar, Rajinder Singh, and Rajneesh Rana.

As a token of appreciation, Dr. Nisha Bhargava presented medicinal plants to all participants and awarded appreciation certificates to the Foundation for its commendable work.





3. Report on Celebration of Wild Life Week with ‘Paryavaran Manthan’ on 1.10.2024 organized by the Department of Botany And Add-on Course in Floriculture and Landscaping



The Department of Botany at Mehr Chand Mahajan DAV College for Women, Chandigarh, in collaboration with Jai Madhusudan Jai Srikrishna Foundation and Indian Oil Corporation Limited (Chandigarh Division) marked the celebration of Wildlife Week with ‘**Paryavaran Manthan**’- an Inter-College environmental deliberation event on 1.10.2024. The chief guest for the event was Mr. Jitendra Kumar, Executive Director and State Head of Punjab, Indian Oil Corporation Limited. The other distinguished guests included Mr. Baljit Singh Sandhu (Retired IPS and former DGP, Haryana), Mr. S.M. Tumanne (GM, Retail Sales, Punjab State Office, Indian Oil Corporation Ltd.), Mr. Rajeev Kumar (Division Retail Sales Head, Chandigarh Divisional Office, Indian Oil Corporation Ltd.) and Sh. Vishal Kalia (Principal, CIHM, Sector 42-D, Chandigarh). Prabhunath Shahi, the founder of the Foundation, introduced the event to the audience and urged everyone to contribute in environmental conservation. Students from higher educational institutions across the tricity participated in the event and expressed their views on the burning environmental issues. Over 200 saplings of plants of medicinal and ornamental value were distributed on this occasion.

Principal Dr. Nisha Bhargava motivated everyone to work actively for the noble cause of conservation of the environment. She reminded the stakeholders of the Sustainable Development Goals adopted by the United Nations for a sustainable future and urged them to work towards the achievement of those goals.



4. **Report on the awareness lecture “Community based solutions for waste management” (With special reference to Plastic Waste), organized by the Department of Botany in collaboration with UBA Cell (Buterla Unit), Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh on 11.2.2025.**

DATE: 11.2.2025

LOCATION: Buterla Village

ACTIVITY COORDINATORS: Dr. Gunjan Sud & Dr. Arshdeep Kaur

ACTIVITY REPORT :

Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh aims to promote sustainable development and improve the quality of life in rural areas through various activities, including environmental awareness. As part of this initiative an awareness lecture entitled “Community based solutions for Waste Management” was organized by the Department of Botany in collaboration with UBA Cell (Buterla Unit) on 11.2.2025. The event was organized in the Community Centre, Buterla Village, Sector 41-B, Chandigarh. The esteemed resource person, Dr. Manoj Kumar, Chairperson, Centre for Public Health, Panjab University, Chandigarh, explained about the ill effects of solid waste on human health and environment and urged the villagers and Safai Karamcharis to adopt proper waste disposal methodology so as to create a clean, green and healthy environment. He laid stress on waste segregation at the source level and emphasized on the 3 R's (Reduce, Reuse, and Recycle). In addition to this, handmade cloth bags were distributed among the stakeholders to encourage them to replace plastic with other eco friendly products. The activity was a huge success with the active participation of 23 students, 2 faculty members Dr. Gunjan and Dr. Gunjan Sud (Event Coordinator), Offg. Principal of the college Mrs. Suman Mahajan, Village Councillor Sr. Hardeep Singh Buterla, 70 villagers and 20 Safai Karamcharis from the Municipal Council. All participants took a vow to work towards a plastic free environment. Attendees gained a deeper understanding of the environmental impact of plastic bags and the importance of sustainable waste management. The villagers started exploring options of cycling projects for plastic waste.

Mehr Chand Mahajan
DAV College for Women
Sector 36-A, Chandigarh (U.T.)



The Unnat Bharat Abhiyan Cell (Buterla Unit) &

The Department of Botany

Organize an Awareness Session

COMMUNITY-BASED SOLUTIONS FOR
WASTE MANAGEMENT

(With Special Reference to Plastic Waste)

in

The Community Centre, Buterla Village, Sector 41-B, Chandigarh (U.T.)
on February 11, 2025 at 11:00 AM



Dr Manoj Kumar

Chairperson, Centre for Public Health
Panjab University, Chandigarh

Ms Suman Mahajan

Convener & Offg. Principal

Dr Gunjan

Co-convener & Coordinator UBA Cell

Dr Gunjan Sud

Coordinator UBA Cell &
Head, Department of Botany

Dr Arshdeep Kaur

Coordinator

Mr Ashish Mudgal

Activity Incharge (Creatives)

गांववासियों ने प्लास्टिक बैग स्वेच्छा से सौंपे और कपड़े के थैले अपनाने का संकल्प लिया

प्लास्टिक के हानिकारक प्रभावों पर डाला प्रकाश

चंडीगढ़, 18 मार्च (आशीष): सेंक्टर-36 स्थित मेहर चंद महाजन डी.ए.वी. महिला महाविद्यालय की उन्नत भारत अभियान सेल ने वनस्पति विज्ञान विभाग के सहयोग से समुदाय आधारित अपशिष्ट प्रबंधन समाधान पर जागरूकता सत्र आयोजित किया। सत्र सेंक्टर-41 स्थित सामुदायिक केंद्र में बधेरी और खुटेरला गांव के निवासियों के लिए आयोजित किया गया।

इस सत्र में पंजाब विश्वविद्यालय के सेंटर फॉर पब्लिक हेल्थ के अध्यक्ष डॉ. मनोज कुमार मुख्य वक्ता के रूप में उपस्थित रहे। उन्होंने प्लास्टिक के हानिकारक प्रभावों पर प्रकाश डालते हुए प्लास्टिक बैग के स्थान पर कपड़े के थैलों के उपयोग की आवश्यकता पर जोर दिया। उन्होंने पर्यावरण संरक्षण की दिशा में कदम बढ़ाने



पार्षद हरदीप सिंह का कार्यवाहक प्रिंसिपल स्वागत करते हुए। (परमजीत)

की बात कही। गांववासियों ने प्लास्टिक बैग स्वेच्छा से सौंपे और कपड़े के थैले अपनाने का संकल्प लिया। कपड़े के थैले यू.बी.ए. सेल द्वारा प्रायोजित किए गए। पार्षद हरदीप सिंह ने महाविद्यालय और यू.बी.ए. सेल द्वारा किए गए इस प्रयास की सराहना की और इस तरह की गतिविधियों को बढ़ावा देने की

आवश्यकता पर बल दिया। कार्यवाहक प्राचार्या सुमन महाजन ने यूबीए सेल द्वारा ग्रामीण समुदायों में परिवर्तन लाने के लिए किए जा रहे प्रयासों की सराहना की। उन्होंने कहा कि प्रभावी अपशिष्ट प्रबंधन पर्यावरणीय प्रभाव को कम करने और स्थिरता को बढ़ावा देने के लिए आवश्यक है।



MCM holds session on waste management for Badheri and Buterla residents



CHANDIGARH : The Unnat Bharat Abhiyan (UBA) Cell of Mehr Chand Mahajan DAV College for Women, Chandigarh, in collaboration with the Department of Botany, organised an awareness session on 'Community based Solutions for Waste Management' for the residents of village Badheri and Buterla. The session was held at Community Centre, Sector 41, Chandigarh. Dr. Manoj Kumar, Chairperson, Centre for Public Health, Panjab University, Chandigarh, was the resource person for the session. Dr. Kumar shed light on the pernicious effects of using plastic, thereby emphasising upon the need to replace plastic bags with cloth bags, and to move towards the revival of the environment. The session elicited forthcoming response from the residents of the two villages who surrendered their plastic bags and wholeheartedly accepted the transition to the use of cloth bags.

5. A Report on DST sponsored a Hands-on Training Workshop in The Botanical Garden, Sarangpur on “Nurture Nature”

Activity Coordinator: Dr. Gunjan Sud

Activity Co-Coordinator: Dr. Ruby Singh

Date of Event: 13-14.2.2025

Activity Report

The Department of Botany and Add-on Course in Floriculture and Landscaping organized a two days research, skill cum entrepreneurship based hands-on- workshop “Nurture Nature” in Botanical garden, Sarangpur, Chandigarh (U.T.) sponsored by DST (Department of Science and Technology, Government of India) on February 13-14, 2025 from 10.00 a.m.-2.00 p.m. The workshop was conducted the esteemed resource person Maj. Gen. C.S. Bewli, the person behind the establishment of a world-class Bonsai Home and a Cactus House that treasures a rich collection of cacti and succulents from across the world in the Garden itself. The Bonsai section houses almost 176 Bonsais belonging to 60 plant species and happens to be the single largest collection under one roof prepared by any individual. During the visit, the faculty and students had a chance to visit this mesmerizing Bonsai Home and the Cactus and Succulent section. The worthy resource person is the President of the Cactus and Succulent Society of India and also the President of the Bonsai Society of Chandigarh. The workshop was conducted by the Maj. Gen. Bewli in the nursery premises of the Garden where he demonstrated the entire process of creating Bonsais. The resource person, Maj. Gen. C. S. explained and demonstrated the complete procedure of Bonsai making step by step including soil mixing, choice of the plant, pot setting, growing of plants, pruning, cutting, twining and watering etc. to the 14 students, 2 faculties and 1 lab Assistant. Later, the enthusiastic students themselves made Bonsai’s under the supervision of the resource person by using innovative ideas and enjoyed the whole process. The Bonsai making can be practiced by the students for self-entrepreneurship besides improving their innovative imagination. This skill development and environmentally friendly activity was a huge success and highly appreciated by the students. Some of the species was of approximately 25 to 30 year old. Resource person also explained making of bonsai needs a lot of patience and calmness. Bonsai needs proper maintenance and care. For beginners *Ficus* sps are the best type of plants to start as they are hardy.

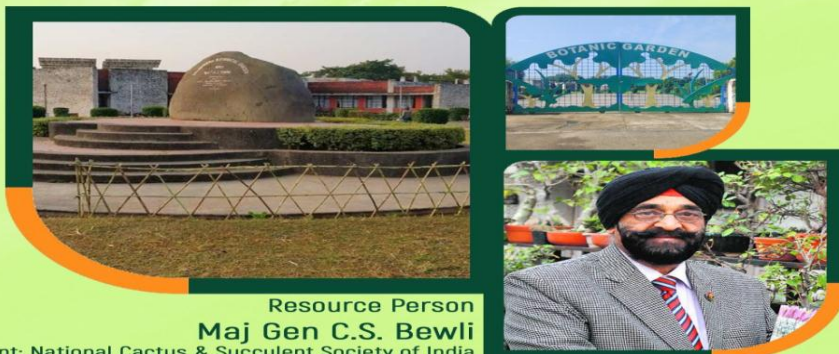
Mehr Chand Mahajan
DAV College for Women
Sector 36-A, Chandigarh (U.T.)



Department of Botany & ADD-On Course in Floriculture and Landscaping
are organizing

Nurture Nature

A DST sponsored Two day Sustainability, Skill cum Entrepreneurship based
HANDS ON WORKSHOP in
Botanical Garden & Nature Park, Sarangpur, Chandigarh on February 13-14, 2025



Resource Person
Maj Gen C.S. Bewli
President: National Cactus & Succulent Society of India



Mrs Suman Mahajan
Convener & Offg. Principal
Dr Gunjan Sud
Head, Dept. of Botany & Coordinator,
Add on Course in Floriculture and Landscaping
Dr Ruby Singh
Co-ordinator
Mr Ashish Mudgal
Activity Incharge (Creative)





Name of Activity: Inter-College Rangoli Making Competition

Date of Conduct: 27.02.2025

Activity coordinators: Dr. Gunjan Sud, Dr. Purnima Bhandari,

Activity co-coordinators: Dr. Jasleen Kaur and Dr. Ruby Singh

Objective: To inspire scientific curiosity and leadership among young minds

Context: Celebrating the Spirit of Scientific Innovation, Department of Botany under the aegis MCM Vigyan Manch in collaboration with Institution's Innovation Council (IIC@7.0) and Internal Quality Assurance Cell (IQAC) **organized Inter-College Rangoli making Competition in Two days Inter-college Science Fiesta – 2025 as a part of National Science Day Celebration– 2025**, sponsored by **Department of Science & Technology & Renewable Energy (DST & RE), Chandigarh Administration on 27th & 28th February 2025**. The theme of the National Science Day celebration – 2025 was 'Empowering Indian Youth for Global Leadership in Science & Innovation for Viksit Bharat'.

Practice: Department of Botany organized Inter-College Rangoli making Competition in Two days Inter-college Science Fiesta – 2025 as a part of National Science Day Celebration– 2025, sponsored by Department of Science & Technology & Renewable Energy (DST & RE), Chandigarh Administration on 27th & 28th February 2025. The theme of Inter-College Rangoli Making Competition given

Mehar Chand Mahajan
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To commemorate
National Science Day
The discovery of the 'Raman Effect'
by
Bharat Ratna Awardee
& A Nobel laureate
Sir Chandrasekhara Venkata Raman

MCM Vigyan Manch, Institution's Innovation Council (IIC 7.0)
and
Internal Quality Assurance Cell (IQAC)
organize

Two Days Inter-College **SCIENCE FIESTA-2025**

Theme:
Empowering Indian Youth for Global Leadership in
Science & Innovation for Viksit Bharat

Dates:
27 & 28 February 2025

Sponsored by
Department of Science & Technology and Renewable Energy
Chandigarh Administration

was “Sustainable Development: Promoting Green Technologies”. During the event, 24 teams from various tri-city colleges including the host college, PGGCG-11, PGGC-11 and Dev Samaj College for Women-45 registered for the event. Rangoli was judged by Dr. Pooja Sharma, Assistant Professor, Department of Fine Arts, Mehr Chand Mahajan DAV College for Women, Chandigarh. The judgement criterion included creativity, relevance to the theme and colour scheme.

The event witnessed enthusiastic participation of 24 teams comprising two students each in a team from various colleges. The results are as followed:

Prize	Name of the participant	Institution	Class
First	Lovisha Garg and Sneha	MCM DAV College for Women, Chandigarh	BSc III Medical
Second	Shagun Sharma and Shivam	DAV COLLEGE, SEC-10 CHANDIGARH	MSc. II
Third	Garima Bhairon and Ritika	MCM DAV College for Women, Chandigarh	BSc III Medical
Consolation	Ananya Bodh and Ananya Thakur	MCM DAV College for Women, Chandigarh	BSc I Medical
Consolation	Kirti Sharma and Nabhya Bhagirath	MCM DAV College for Women, Chandigarh	BSc III Medical & BA II.







राष्ट्रीय विज्ञान दिवस के अवसर पर लगाई गई प्रदर्शनी को देखते हुए प्रबंधक व रंगोली प्रतियोगिता में भाग लेते हुए छात्र। (छाया : कमलजीत सिंह)

मेहर चंद महाजन महाविद्यालय ने राष्ट्रीय विज्ञान दिवस मनाया

चंडीगढ़, 1 मार्च (राम सिंह बराड़): राष्ट्रीय विज्ञान दिवस के अवसर पर वैज्ञानिक नवाचार की भावना का जश्न मनाते हुए, चंडीगढ़ के मेहर चंद महाजन डीएवी महिला महाविद्यालय के विज्ञान मंच ने इंस्टीट्यूशन इनोवेशन काउंसिल (आईआईसी) और इंटरनल क्वालिटी एश्योरेंस सेल (आईक्यूएसी) के सहयोग से 2 दिवसीय इंटर-कॉलेज साईंस फिफ्टा 2025 का आयोजन किया। चंडीगढ़ प्रशासन के विज्ञान और प्रौद्योगिकी और नवीकरणीय ऊर्जा विभाग (डीएसटी और आई) द्वारा प्रायोजित इस उत्सव का विषय था 'इम्पॉवरिंग इंडियन यूथ फॉर ग्लोबल

लीडरशिप इन साईंस एंड इनोवेशन फॉर विकसित भारत'। कॉलेज के विज्ञान विभागों द्वारा युवाओं में वैज्ञानिक जिज्ञासा और नेतृत्व को प्रेरित करने के उद्देश्य से व्यावहारिक कार्यशाला, लोकप्रिय वार्ता सह इंटरैक्टिव सत्र, विज्ञान के साथ मस्ती, कठपुतली शो और कई अंतर-कॉलेज प्रतियोगिताओं सहित कई कार्यक्रमों का आयोजन किया गया। छात्रों को इंडस्ट्री-ओरिएंटेड ग्राफिक डिजाइनिंग में प्रशिक्षण देने के लिए कंप्यूटर विज्ञान और अनुप्रयोग विभाग (डीसीएसए) द्वारा 'ग्राफिक्स डिजाइनिंग' पर 2-दिवसीय कौशल-आधारित कार्यशाला आयोजित की गई। इसमें विनसॉफ्ट कंप्यूटर, से जसलीन कौर और

मनदीप सिंह ने बतौर विषय विशेषज्ञ भाग लिया। इस कार्यशाला में विद्यार्थियों को डिजाइन प्रक्रिया, क्रिटिकल थिंकिंग और रचनात्मक विचारधारा से संबंधित कौशल सिखाए गए, ताकि वह विजुअल कम्प्युनिकेशन को प्रभावी बना सकें। प्राणी विज्ञान विभाग (जूलोजी विभाग) ने 'फंडामेंटल्स ऑफ बी कीपिंग' विषय पर एक वार्ता-सह-संवाद सत्र आयोजित किया, जिसमें पंजाब विश्वविद्यालय, चंडीगढ़ की प्राणी विज्ञान विभाग की प्रो. नीलिमा आर. कुमार बतौर मुख्य वक्ता शामिल हुईं। उन्होंने मधुमक्खी पालन के मूल सिद्धांतों को समझाया, जिसमें विभिन्न प्रजातियों की जानकारी, जीवन चक्र, प्रजनन, पोषण और आर्थिक महत्व

को विस्तृत रूप से प्रस्तुत किया गया। उन्होंने मधुमक्खियों के संरक्षण की आवश्यकता पर जोर देते हुए इसे आर्थिक रूप से लाभदायक उद्यम बताया, जो रोजगार के अवसर भी प्रदान करता है। इसके अलावा, विभाग ने 'स्वास्थ्य और पोषण' थीम पर एक प्रभावशाली नुकड़ नाटक भी प्रस्तुत किया। कार्यवाहक प्राचार्य सुमन महाजन ने सभी विज्ञान विभागों के प्रयासों की सराहना करते हुए कहा कि ऐसे कार्यक्रमों से वैज्ञानिक जागरूकता फैलाने, विज्ञान की क्रांतिकारी उपलब्धियों को मनाने और युवाओं में नवाचार की भावना विकसित करने में मदद मिलती है, जो एक विकसित भारत के दृष्टिकोण के अनुरूप है।

Media Coverage:

7. DST Sponsored Inter-College Slogan Writing Competition

Name of Activity: Inter-College Slogan Writing Competition

Date of Conduct: 28.02.2025

Activity coordinators: Dr. Gunjan Sud, Dr. Purnima Bhandari, Dr. Jasleen Kaur and Dr. Ruby Singh

Activity Report: Department of Botany under the aegis of MCM Vigyan Manch organized Department of Science & Technology & Renewable Energy (DST & RE), Chandigarh Administration sponsored Inter-College Slogan Writing Competition as part of National Science Day celebration that witnessed enthusiastic participation of 35 students from various tricity

colleges such as Mehr Chand Mahajan DAV College for Women, Sector36-A, PGGCG-11. PGGC-11. GGSD College-32, Dev Samaj College for Women-45, GMCH-32. Principal Ms. Suman Mahajan appreciated the efforts of the department and emphasized that this type of initiative is imperative to spread scientific awareness, identify contribution to science and motivate innovation among youth as per the vision of a developed India (Viksit Bharat).The results are as follows:

1st: Samiksha , Mehr Chand Mahajan DAV College for Women , Sector 36-A

2nd: Krishpreet Singh, Post Graduate Government College-11

3rd: Kasvi, Mehr Chand Mahajan DAV College for Women, Sector 36-A

Cosolation: Grashi Singh, Mehr Chand Mahajan DAV College for Women, Sector 36-A









GPS Map Camera

Chandigarh, Chandigarh, India

Sector 36 Mehr Chand Mahajan Dav College For Women Sector 36 A, 36a, Sector 36, Chandigarh, Chandigarh 160036, India

Lat 30.734442° Long 76.757022°

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MCM celebrates National Science Day



AGENCIES

CHANDIGARH, Mar 1: Celebrating the spirit of scientific innovation on the occasion of National Science Day, Vigyan March of Mehr Chand Mahajan DAV College for Women, Chandigarh, in collaboration with Institution Innovation Council (IIC) and Internal Quality Assurance Cell (IQAC) organised 2-day inter-college Science Fests 2025. Sponsored by Department of Science and Technology and Sustainable Energy (DST & SE), Chandigarh Administration, the theme of the celebration was 'Empowering Indian Youth for Global Leadership in Science & Innovation for Viksit Bharat'. A wide array of events including hands-on workshop, popular talk cum interactive session, fun with science, puppet show and many inter-college competitions were organised by the college with an aim to inspire scientific curiosity and leadership among young minds.

To give industry-oriented heads on increasing students in designing graphics based documents like brochures and advertisements, the Department of Computer Science and Applications (DCEA) organised a 2-day skill-based workshop on 'Graphics Designing' where the resource persons were Mrs. Jasleen Kaur and Mr. Mansoor Singh from Winsoft Computers, Mohali. The participants were apprised of skills related to design process, critical thinking, and creative ideation as a means of problem-solving and enhancing visual communication. The Department of Zoology organised a talk-cum-interactive session on

'Fundamentals of Bee Keeping' by Prof. Neelima K. Kumar from Department of Zoology, Punjab University, Chandigarh. Prof. Kumar highlighted the fundamentals of beekeeping including all the information about different species of honeybees their life span, breeding, feeding, reproductive cycle, and life history through an engaging presentation and video clips. She emphasised upon the importance of honeybees for human survival, and further described the vast variety of products from bees, highlighting that honey production is an economically profitable enterprise that generates employment opportunities too. She encouraged the female students to step into beekeeping entrepreneurship for expanding honey market, and conserve biodiversity. The Department of Food Science organised innovative 'Fun with Science' event that included various awareness generation activities on food adulteration, food packaging and labelling, good lab practices, Fluoride tooth and quiz, quizzes and fun games on nutrition, health, etc. In addition, the Department also organised an impactful mukhad natak on the theme of health and nutrition, live demonstrations by Mobile Food Adulteration Detection Van of Department of Food Safety, Chandigarh Administration, and by students of BSc MPT of food adulteration detection kits. The event was graced by Mr. Sukhvinder Singh, Designated Officer-cum-Denoting Authority, Food Safety Administration, Chandigarh. A puppet show based on the theme 'Water conservation'

was staged by the students of BSc II Medical wherein the harmful impact of water pollution on aquatic life was depicted through puppets. The show sensitised the audience towards reducing water footprint and contribute towards water conservation to avoid water crisis. Further, inter-college events were organised that recorded participation of more than 20 students across the tertiary colleges in competitions that included Best out of Waste and Innovative Idea Competition by Department of Zoology, Hangeeli making and Slogan writing competitions by Department of Botany, Poster making competition by Department of Food Science and T-Shirt Painting Competition on the theme 'Importance of Science in Everyday Life' by Department of Physics, and Poster Making Competition on the theme 'Visualizing Viksit Bharat through Science and Technology: Paving the Way for Sustainable Development' by Department of Food Science. In addition, with another grant received from Department of Science and Technology and Sustainable Energy (DST&SE), Chandigarh Administration, the Department of Botany, under the aegis of NCMS Vigyan March, organised Inter-College Slogan writing Competition.

Gifted Principal, Ms. Sarwan Mahajan appreciated the efforts of all the Science departments, and emphasised that such initiatives are imperative to spread scientific awareness, celebrate path-breaking contributions of science, and inculcate spirit of innovation among the youth as per the vision of a developed India.

- 8. Report of the awareness session on “emerging career opportunities in environment and waste management sector” organized by the career counselling cell in collaboration with department of botany, Mehr Chand Mahajan DAV College For Women, Sector 36 –A, Chandigarh on March 21, 2025 to mark the celebration of the International day of forests, 21 march, 2025.**

Activity Coordinator: Dr. Gunjan Sud

Date of Event: 21.3.2025

Activity Report

Career Counselling Cell in collaboration with Department of Botany, Mehr Chand Mahajan DAV College for Women, Sector 36 –A, Chandigarh organized, awareness cum interactive session on “Emerging Career opportunities in Environment and Waste Management Sector” on March 21, 2025 to mark the celebration of the International Day of Forests. The activity commenced with the plantation of a Baaramaasee Mango tree sapling presented by Jai Madhusudan Jai Shrikrishna Foundation in the Botanical garden of the college. Principal Mrs. Suman Mahajan, guest and resource person for the day Dr. Reena Chadha, Head of the Department of Botany and activity coordinator Dr. Gunjan Sud, activity coordinator Dr. Swati Khatta, Director of Jai Madhusudan Jai Shrikrishna Foundation, Mr. Prabhunath Shahi and students were present on the occasion. This was then followed by the interactive session in the multimedia Hall. The resource person for the day, Dr. Reena Chadha is the General Manager of Indian Pollution Control Association (IPCA), besides being an EIA Consultant and an Academic Counsellor, IGNOU. She apprised the students on the multidisciplinary green job opportunities available to them after studying Botany, Zoology, Chemistry, Physics and Environment. She encouraged them to take up jobs of landscapists, analysts, auditors, scientists, environmentalists, etc. in the upcoming and promising green sector which will not only provide them job security but will also help them develop an inter disciplinary approach. The event concluded with a Question and Answer session, where the resource person addressed students’ queries, providing valuable insights and advice.

The event successfully achieved its objective, wherein 94 students from various streams including B.Sc. (Med.) and B.Sc. (Non Med.) were equipped with knowledge about various job opportunities in the field of Environment and Waste Management.

Objective

The aim of this awareness session was to impart information to the students of B.Sc.stream, pertaining to the highly in demand green jobs.

The context

In the present world scenario climate change, global warming and other related problems have started showing their impact and have become a matter of grave concern for the entire world. Nations and organizations around the world are trying to mitigate the effects of these phenomenon's, by framing policies regarding the same, including Sustainable

Development Goals (SDG). Implementation of such policies involves a large team of professionals including environmentalists, scientists, policy makers, auditors, engineers, architects, green workers, NGOs and many more. This has led to a creation of a large no of green jobs both in the government as well as in the private sectors around the world.

The Practice

The resource person for the day, Dr. Reena Chadha is the General Manager of Indian Pollution Control Association (IPCA), besides being an EIA Consultant and an Academic Counselor, IGNOU. She apprised the students on the multidisciplinary green job opportunities available to them after studying Botany, Zoology, Chemistry, Physics and Environment. She encouraged them to take up jobs of landscapists, analysts, auditors, scientists, environmentalists, etc. in the upcoming and promising green sector which will not only provide them job security but will also help them develop an inter disciplinary approach. For a better understanding of the students she talked about the nature of jobs available in her own organization IPCA, which is working towards creating a pollution free environment. Giving examples of how solid waste management is being done by her organization she showed tea coasters, show pieces, dustbins, flower pots, etc., made from recycled waste, which is collected and processed by them.

Evidence of Success

The event concluded with a Question and Answer session, where the resource person addressed students' queries, providing valuable insights and advice. The event successfully achieved its objective, wherein 94 students from various streams including B.Sc. (Med.) and B.Sc. (Non Med.) were equipped with knowledge about various job opportunities in the field of Environment and Waste Management.

Problems encountered and resources required

Time constraint sometimes becomes a limiting factor as the students had a lot of queries and the resource person did her best to address each and every query very quickly.



9. One-day Nursery visit by the students of B.Sc. Medical and Add on course in Floriculture and Landscaping on 2nd April, 2025

Activity Report: A one-day field trip to Dr. Green Nursery, Chandigarh was organized by the Department of Botany and Add on Course in Floriculture and Landscaping, Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh on 2nd April, 2025. The field trip was attended by 21 students of B.Sc. Medical and Add on course in Floriculture and Landscaping along with two faculty members, Dr. Gunjan Sud and Dr. Ruby Singh. The students were enlightened on the various aspects of Nursery establishment starting from the infrastructure and manpower required, to the selection of ornamentals for indoor and outdoor purposes, different methods used for plant propagation on a large scale for commercial purposes, their protection and final plantation in bags and pots for sale by Dr. Satish Narula of Dr. Green Nursery.



