

Botany Department Activities (Session 2024-25)

- **District Level Quiz Competition:** organized at **Pt. Chiranji Lal Sharma Government PG College Karnal** on **August 28, 2024**. Two of our teams participated in this contest with two students of B.Sc. III Medical, Ms. Khushi and Ms. Lovely were in in one team with a non-medical student, Ms. Shivani and Ms. Chhavi Sethh of B.Sc. II Life Science (SFS) was in another team with two Non-Medical students, Ms. Janvi and Ms. Payal Rani. Both of our teams got selected for the Zonal level (Rohtak Zone) during this competition by bagging **4th** and **5th** positions, respectively. They also participated in the Zonal level competition organized at **G. V. M. Girls College, Sonapat** on **November 13, 2024**. One of our teams with Ms. Khushi, Lovely and Shivani won **3rd** position during this competition.



Prize distribution ceremony of this Zonal level competition was organized at **Dyal Singh College, Karnal** on **March 19, 2025** during the State Level Competition. Here's a little sneak peek of this grand ceremony where our team received a cash prize of Rs 20,000/-.

- **State Level Online Slogan Writing Contest:** organized by various Science departments of our college to commemorate **World Ozone Day i.e. September 16, 2024**. The theme of this event was 'Ozone for Life'. During this event, an **awareness documentary** based upon the 'Ozone depletion, its negative impacts and management strategies' was also shown to the students on **September 13, 2024**. Tree plantation was

done in the college premises by respected Principal madam, Mrs. Meenu Sharma along with the whole Science faculty on **September 17, 2024** and result of the above said competition was declared which is as follows:

1st Position: Ms. Ravina, B.A. III, I.G.M.M.V. Kaithal

2nd Position: Ms. Lovely, B.Sc. III (Biotechnology), Kumari Vidyavati Anand DAV College for Women, Karnal

3rd Position: Ms. Khushi, B.Sc. II (Non-Medical), Rajiv Gandhi Government College for Women, Bhiwani

Consolation: Ms. Saloni, B.Sc. II (Non-Medical), Guru Nanak Girls College, Yamunanagar



- **State Level Online Power Point Presentation Competition:** organized by Department of Botany and Zoology of our college, to commemorate **Wildlife Week, 2024**. Topic chosen for this competition was '**Innovative Approaches for Preserving Wild Flora and Fauna: Essential for Harmonious Coexistence**'. Total 17 entries were received during this competition from 10 colleges of Haryana. Result of this competition was as follows:

1st Position: Ms. Khushi, B.Sc. III (Medical), Kumari Vidyavati Anand DAV College for Women, Karnal

2nd Position: Ms. Priya, BCA I, G.V.M. Girls College, Sonapat

3rd Position: Ms. Diksha, B.Sc. III (Medical), Dyal Singh College, Karnal and Ms. Yashika, B.Sc. II Life Science (SFS), Kumari Vidyavati Anand DAV College for Women, Karnal

Consolation: Mr. Thomas Lalichan, B.Sc. II (Hons.) Agriculture, Indian Institute of Wheat and Barley Research (IIWBR), Karnal

- An **RPL Training Program (Recognition of Prior Learning)** on '**Plant Tissue Culture**' organized by department of Botany and Biotechnology of our college, in collaboration with **Centre of Excellence for Horticulture Skills in India (CEHSI), Karnal** on **October 11, 14 & 15, 2024**. The initiative taken under the able guidance of principal madam, Mrs. Meenu Sharma, aimed at providing our students, a better understanding of different career options, enhancing their employability and entrepreneurship capabilities. Dr. Ritu Sharma, Head of Operations at CEHSI, contributed as the subject matter expert, ensuring the program's success and imparting

practical knowledge to the participants. Other two subject experts, during this program were Dr. Nirmalkant Sharma, Director, Pathik Agrihorti Solutions and Dr. Akhilesh Thakur, Chief Technical Officer, Pathik Agrihorti Solutions with Dr. Sharma's background including roles at the International Potato Center (CIP) and ICAR-Central Potato Research Institute, while Dr. Thakur's expertise extended to research roles at CSK HPKV and Georgia Regents University. The resource persons meticulously explained the students about various important aspects and technical knowhow of plant tissue culture technique. They shared valuable insights from their extensive research and experiences in this field with them. A total of 66 students from B.Sc. Medical/Life Science stream of our college participated in this training. E-certificates of this training will be provided to the participants by Agriculture Skill Council of India. The program also reflects CEHSI's commitment to equipping women with specialized knowledge and skills, fostering gender equality, and advancing technical capabilities in the field of agriculture and biotechnology.

Skill India
श्रम से नये-कृषि से नये

ASCI
Agriculture Skill Council of India

CEHSI
Centre of Excellence for Horticulture Skills in India

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL
Directly managed by DAV College Managing Committee, New Delhi
Affiliated to Kurukshetra University, Kurukshetra

Department of Botany and Biotechnology
organize
RPL Training Program on Plant Tissue Culture
in collaboration with
Centre of Excellence for Horticulture Skills in India (CEHSI)
(October 11, 14 & 15, 2024)

Patron
Mrs. Meenu Sharma
Principal (Offg.)

Resource Persons
Dr. Ritu Sharma
Dr. Nirmalkant Sharma
Dr. Akhilesh Thakur

Coordinator
Dr. Nadia Chowhan







- **District Level Science Essay Writing Competition (2024-25):** organized by Dyal Singh College, Karnal under the aegis of Haryana State Council for Science, Innovation and Technology on October 19, 2024. Three of our students Ms. Sumedha of B.Sc. III Medical, Ms. Alankrita and Ms. Bishakha of B.Sc. II Life Science (Aided) participated in the above competition. Topics chosen by them from the amongst the given topics were ‘Science to scale up milk production’, ‘Renewable energy: Why is it crucial for modern world?’, ‘Science and Technology in Ancient India’, respectively. Essays of Ms. Sumedha and Ms. Alankrita got selected for the further State level competition, to be held later. Later, on **February 28, 2025** all of them participated in this State Level Essay Writing Competition organized at **Dyal Singh College Karnal. Results Awaited.**



- **Felicitation Ceremony of Ms. Chanchal and Ms. Barsha Devi:** Two students from our college have made their institution proud by achieving outstanding success in the Judiciary exams, 2024. Their remarkable feat has brought glory to the college, underscoring its commitment to academic excellence.

Ms. Chanchal of B.Sc. Medical (SFS) stream with Botany, Zoology and Biotechnology as her major subjects during sessions 2016-2019 in this college, has successfully cleared the prestigious Judiciary exam, 2024 from the state of Haryana, overcoming the challenging odds of the competitive test. She had completed her LLB from Delhi University in the year 2022 and is currently pursuing her LLM from there. The judiciary exam conducted jointly by state governments and the Union Public Service Commission (UPSC) recruit candidates for judicial services in India. She has now been appointed as Civil Judge cum Judicial Magistrate (Rank 07) in Haryana.

Another diligent and aspiring student, Ms. Barsha Devi, a student from non-medical stream in the college, has cleared Rajasthan Judiciary exam, 2024. She completed her B.Sc. from this college in the year 2021, with Physics, Chemistry and Mathematics as her major subjects. She also possessed all the required qualifications for this exam, including an LLB degree from Bharat College of Law, Babain, Kurukshetra which she had recently completed during May, 2024. She has now been appointed as Civil Judge (Rank 65) in Rajasthan.

Both the students had been consistent performers throughout their academic journey in this college. Their focus, hard work, perseverance and strategic preparation have yielded such impressive results.





- **An Exposure Visit to Centre for Excellence of Vegetables (CEV), Gharaunda:** was organized for students of B.Sc. II Life Science (Aided and SFS) by department of Botany on **November 13, 2024**. This visit was organized to give them an exposure of some advanced agricultural techniques used there, especially to the Life Science (SFS) students as a part of curriculum under Olericulture, a skill enhancement course (SEC). During this visit, general orientation and demonstration of the Centre was done by Dr. Manika Goswami, Horticulture Development Officer (Ph.D. Fruit Science), CEV. She interacted with the students and enlightened them about Mulching, Low Tunnels, Net House, Anti-insect Nets, Naturally Ventilated Polyhouse and Walk-in Tunnels. Later, Dr. Renu Yadav, Subject Matter Specialist (Ph.D. Vegetable Science), CEV discussed about various centre mandates and agricultural techniques *viz.* vertical farming, organic farming, automated drip irrigation system, soil-less media and their benefits for farmers with them. Students also visited their field areas along with her and observed several vegetable crops growing there along with an exposure of their organic manure preparation unit and organic farming area.

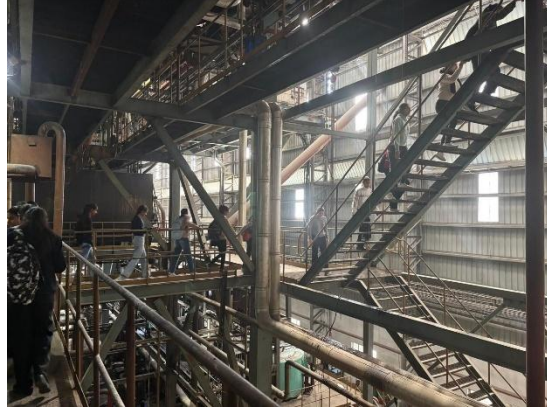


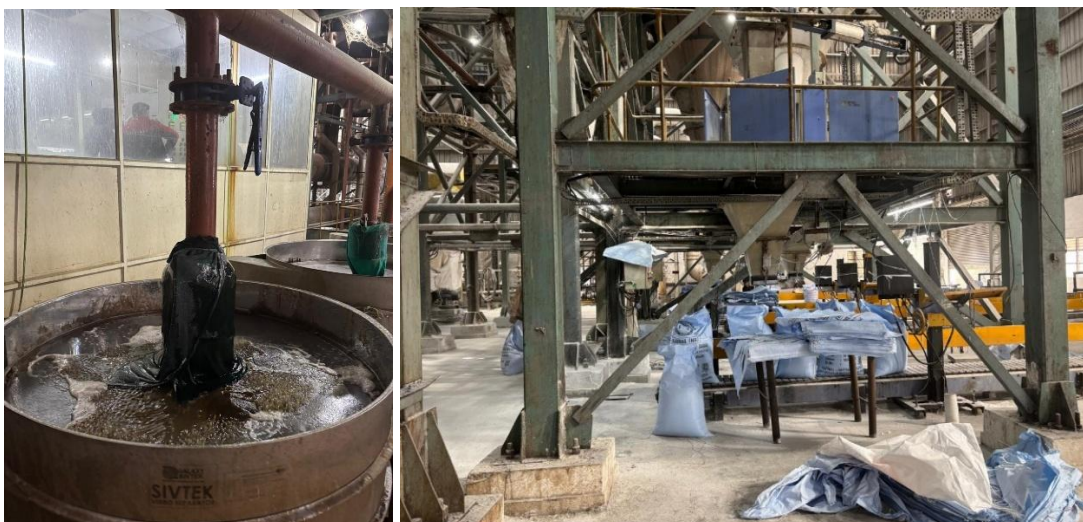


- **DGHE Sponsored District Level Science Exhibition:** Botany Model on topic ‘**Bio-Bridge: Connecting Transgenic Science to a Sustainable Future- Edit, Enhance and Evolve**’ was presented by two of our students Ms. Khushi (Roll no. 1222022030027) and Ms. Richa (Roll no. 1222022030009) of B.Sc. III Medical in this exhibition held at Government College for Women, Karnal on **February 01, 2025**. Our model bagged **II prize** during this Exhibition.



- **Industrial Visit to Cooperative Sugar Mill, Karnal:** The Department organized an industrial visit to the Cooperative Sugar Mill, Karnal, on **February 13, 2025**, for B.Sc. III Medical and Biotechnology students. During the visit, students gained insight into the sugar production process. Under the guidance of **Sh. Arun Saxena**, Production Engineer, Sugar Mill, the students embarked on a comprehensive tour of the mill's various sections, where they learned about the intricate steps involved in sugar production. Additionally, they were briefed on the electricity generation process utilizing bagasse and the mill's pollution control measures. The students were also accompanied by **Sh. Dinesh Rathee**, Security Incharge, who ensured their safety while navigating the mill's heavy machinery. Furthermore, Ms. **Sudesh Kumari**, Cane Clerk, showcased them the mill's polyhouse, where micropropagated plantlets of sugarcane prepared in their tissue culture laboratory are acclimatized before being distributed to the farmers. **Sh. Nirmaljeet**, Lab Incharge, also elaborated on the testing procedures employed by them, for quality control of sugarcane.





➤ **National Science Day, 2025:** was enthusiastically celebrated by various Science Departments of our College on **February 28, 2025**.

Various programs were organized with the aim of promoting scientific awareness and environmental responsibility. The day began with tree plantation in the college premises under Eco-Club of the college, in which both teachers and students

participated. The initiative aimed to raise awareness about environmental conservation and promote greenery in the campus.



A science exhibition was also organized, where students from various departments showcased their models and students from varied streams interacted with the presenters to gain insights into recent advancements in the field of Science and Technology. Principal Mrs. Meenu Sharma then addressed the students on the theme of National Science Day 2025, 'Empowering Indian Youth for Global Leadership in Science and Innovation for Developed India'. Later, Principal madam awarded prizes to the winners of the science exhibition. A documentary on the inspiring life of Sh. APJ Abdul Kalam, Scientist, Former President of India and a great Visionary, was also screened. Additionally, students were informed about various internship opportunities under NEP-2020, enabling them to receive better guidance for their careers.



The event was attended by Principal Mrs. Meenu Sharma, Vice Principal and Program Convener Dr. Manju Singh, Organizing Committee members Dr. Kanwaljeet Viridi, Dr. Shweta Dhawan, Dr. Sakshi Aneja, Dr. Nadia Chowhan and all faculty members of the Science Departments.



➤ **Student Participation in National Science Day Celebrations at Various Other Colleges:** It is a matter of great pride for our Kumari Vidyavati Anand DAV College family that today, during National Science Day Celebrations at **G.V.M. Girls College Sonapat**, our students bagged many prizes in the competitions held there.

The prizes won were as follows:

- Ms. Nancy of B.Sc. II Life Science won 1st prize in the poster making competition.
- Ms. Yashika and Jyoti of B.Sc. II Life Science bagged 2nd prize in the ppt competition.
- And our college also bagged the Overall Winning Trophy





In another State Level Quiz Competition during events held at **S.D. (P.G.) College, Panipat** on **February 28 & March 01, 2025**, our students Ms. Khushi Sharma and Ms. Chhavi Seth of B.Sc. II Life Science (SFS) participated in two different teams, alongside students of B.Sc. Physical Sciences. The team with our student Ms. Chhavi along with Ms. Tanisha and Ms. Payal of B.Sc. II Physical Sciences bagged **fourth prize**.

Respected Principal Madam, Mrs. Meenu Sharma appreciated the students and encouraged them to keep bringing glory to college like this.



केवीए डीएवी महिला कालेज ने जीती ट्राफी



कन्यालय में केवीए डीएवी महिला कालेज की विजेता छात्रा छात्राओं के साथ। ©कलकत्ता टाइम्स

अग्रणी संवाददाता • कन्यालय : केवीए डीएवी महिला महाविद्यालय की छात्राओं ने राज्य स्तरीय प्रतियोगिता में कई पुरस्कार जीते हैं। सोनित के आयोजित राष्ट्रीय विज्ञान दिवस समारोह में कुम्भारी विद्यावती आनंद ज्योति का कालेज ने प्रतियोगिता

में सनदार प्रदर्शन किया और राज्य स्तर पर पुरस्कार जीता। इसका के दोन कई कार्यक्रमों का आयोजन किया गया था। छात्राओं ने अपने पोस्टर और पावर प्वाइंट प्रेजेंटेशन के माध्यम से प्लास्टिक प्रदूषण को समझने पर प्रकाश डाला। लोगों को बीच जागरूकता के लिए। पोस्टर मेकिंग प्रतियोगिता में भाग लेने वाले छात्रों को

को छात्राओं को बधाई और ज्योति ने द्वितीय पुरस्कार जीता। कालेज ने ओवरऑल विजेता की ट्राफी जीती। कालेज प्रचारकों मीनू शर्मा और उप प्रचारकों डा. मंजु सिंह ने विजेता छात्राओं को उनकी उपलब्धि पर बधाई दी और उनके उत्कृष्ट भविष्य को कामना की।

विजेता छात्राओं के साथ कालेज स्टाफ।

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टी.बी. के प्रांत जागरूकता फैलाना, कि यह शिबिर कन्यालय के विभिन्न के संपर्क में आए लोगों को स्कॉनिंग कराना है। इस कैम्प में उपस्थित लोगों

महिला महाविद्यालय की छात्राओं ने राज्य स्तरीय प्रतियोगिता में जीता पुरस्कार

कन्यालय, 3 मार्च (मुकेश): के.वी.ए. डी.ए.वी. महिला महाविद्यालय की छात्राओं ने राज्य स्तरीय प्रतियोगिता में कई पुरस्कार जीते हैं। सोनित के जी.वी.एम. ग्लॉस कालेज में आयोजित राष्ट्रीय विज्ञान दिवस समारोह में कुम्भारी विद्यावती आनंद ज्योति, कालेज के लाइफ साइंस विभाग की छात्राओं ने प्रतियोगिता में भाग लेने का अवसर जीता और राज्य स्तर पर पुरस्कार जीता। उत्सव के दौरान कई कार्यक्रमों का आयोजन किया गया था। छात्राओं ने अपने पोस्टर और पावर प्वाइंट प्रेजेंटेशन के माध्यम से



विजेता छात्राओं के साथ कालेज स्टाफ।

प्लास्टिक प्रदूषण की समस्या पर प्रकाश डाला। लोगों के बीच जागरूकता फैलाने। पोस्टर मेकिंग प्रतियोगिता में भाग लेने वाली छात्राओं को उनकी उपलब्धि पर बधाई दी और उनके उत्कृष्ट भविष्य की कामना की।

कालेज ने ओवरऑल विजेता की ट्राफी जीती। कालेज प्रचारकों मीनू शर्मा और उप प्रचारकों डा. मंजु सिंह ने विजेता छात्राओं को उनकी उपलब्धि पर बधाई दी और उनके उत्कृष्ट भविष्य की कामना की।

- **World Water Day, 2025:** was observed by **Department of Botany and Eco-Club** of our college on **March 22, 2025**. A documentary on **‘Importance of Glaciers in Protecting Source of Life’** was screened in the seminar hall of the college to raise awareness about this vital cause. An **Intra-departmental Poster-Making Competition** was also organized during this event on the theme **‘Thawing out the Truth: Glacier Preservation Matters’**. Result of this competition was as follows:
 - 1st Position:** Ms. Lovely, B.Sc. III Biotechnology
 - 2nd Position:** Ms. Sumedha, B.Sc. III Medical and Ms. Alankrita, B.Sc. II Life Science (Aided)
 - 3rd Position:** Ms. Jannat, B.Sc. I Life Science (SFS)**Consolation:** Ms. Yakriti, B.Sc. III Medical and Ms. Angela, B.Sc. I Life Science (Aided)



- **University Positions Bagged by our Students:** Our student **Ms. Richa** bagged overall

5th University position in B.Sc. (2022-2025). **Ms. Khushi** bagged overall 9th position in B.Sc. (2022-2025).