

CHEMISTRY DEPARTMENT ACHIEVEMENTS

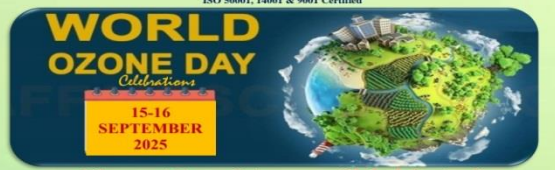
(2025-2026)

- Two teams, each consisting of three students, represented our college in the **District Level Science Quiz Competition** organized by Pt. Chiranji Lal Sharma Government College on **September 12, 2025**. The results of the competition are given below.

S.No.	NAME	CLASS	POSITION
TEAM -G			
1	Shivani	B. Sc. III	
2	Chhavi seh	B. Sc. III	
3	Yashika	B. Sc. III	
TEAM -C			
1	Payal Rani	B.Sc. III	
2	Tanisha	B. Sc. III	
3	Khushi Sharma	B.Sc. III	

- World Ozone Day** was celebrated by Department of Sciences on **Sept. 15-16, 2025** on the theme **“From Science to Global Action”**. On first day, the event commenced with the tree plantation drive followed by the telecast of informative documentary highlighting the importance of ozone layer protection. The Faculty members and students signed a banner while taking a pledge to protect the ozone layer. On Second day, A **State Level Online Poster Making and Essay Writing Competitions** were organized. The results of **State Level Online Poster Making and Essay Writing Competitions** are appended below:


**Kumari Vidyavati Anand D.A.V. College for Women
Karnal**
Directly Managed by DAV College Managing Committee, New Delhi
Affiliated to Kurukshetra University, Kurukshetra
Affiliated with UGC 12(B) 2(f)
ISO 50001, 14001 & 9001 Certified



Theme: “From Science to Global Action”

Results

State Level Result of Essay Writing Competition

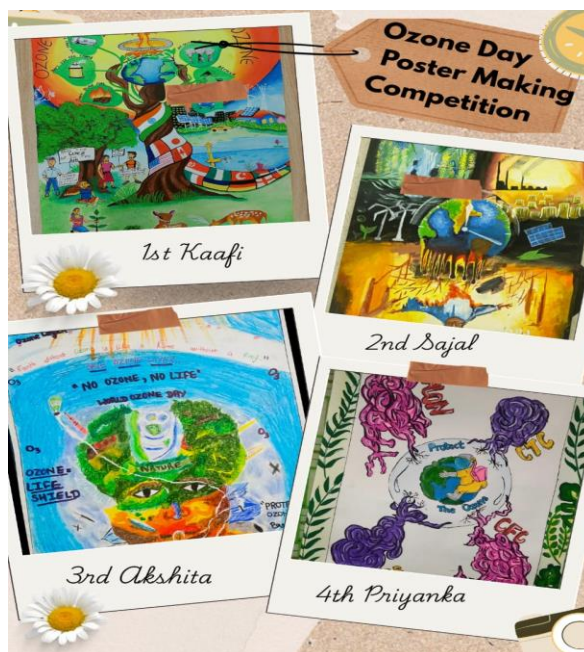
S.No.	Name	Class & Roll No.	Name of the College	City	Position
1.	Medhavi Sharma	B.Sc. III 2334032	Guru Nanak Khalsa College	Yamunanagar	I
2.	Deepika	B.A. III 136	Govt. Girls College, Sector 52	Gurgaon	II
3.	Priyanka Saini	B.Sc. II Life Sciences (SFS) 1242547045	Kumari Vidyavati Anand D.A.V. College for Women	Karnal	III
4.	Vajrawani	B.Sc. III 1230835286	Pt. C.L.S Govt. College	Karnal	Consolation

State Level Result of Poster Making Competition

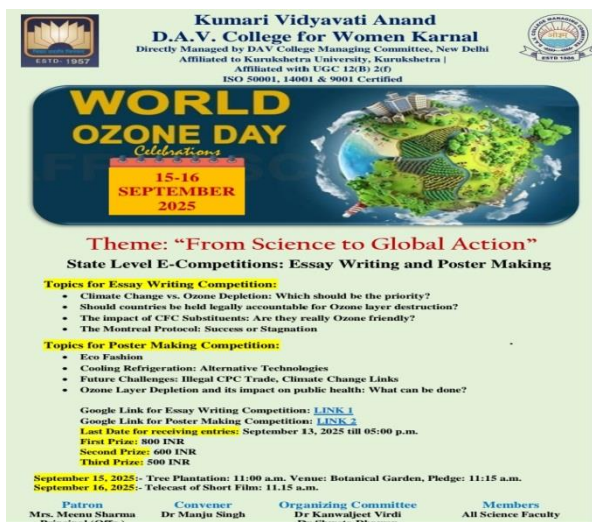
S.No.	Name	Class & Roll No.	Name of the College	City	Position
1.	Kaafi	B.Sc. II 1242842021	Rajiv Gandhi Govt. College for Women	Bhiwani	I
2.	Sajal	B.A. I 1251349132	I.G.M.M.V.	Kaithal	II
3.	Akshita	B.Sc. II 1242547018	Kumari Vidyavati Anand D.A.V. College for Women	Karnal	III
4.	Priyanka	B.A. III 1231174328	D.A.V. Cenetary College, Faridabad	Karnal	Consolation

Patron
Mrs. Meenu Sharma
Principal (Offg.)

Convener
Dr Manju Singh
Associate Professor & Head, Dept. of Chemistry



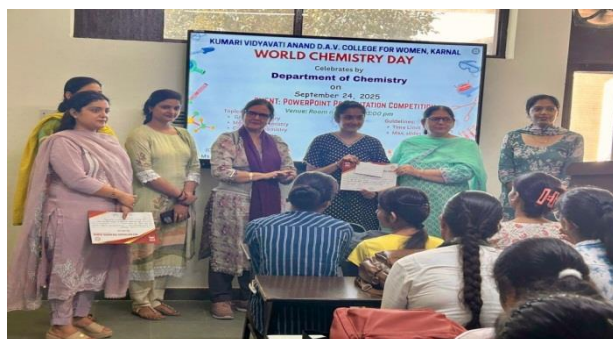
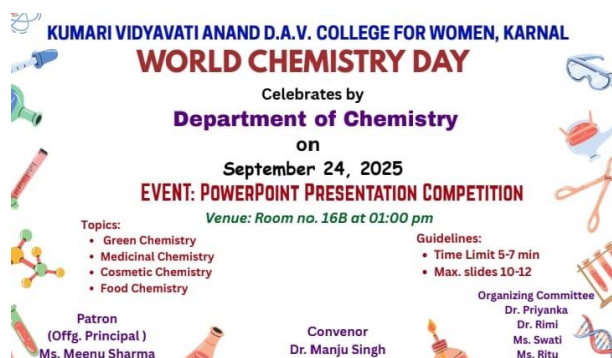
Results of State Level Online Poster Making and Essay Writing Competitions



Glimpse of Ozone Day celebration

- A team comprising two students, **Payal** (B.Sc. III) and **Khushi** (BCA III), secured the 3rd prize in the **State-Level Science Quiz Competition** held on **September 18, 2025**, at Markanda National College, Shahabad (Markanda).
- Ms. Janvi** (B.Sc. III NM aided) got second prize at **District Level Science Essay Writing Competition** organized by Dyal Singh College, Karnal under the aegis of Haryana State Council for Science, Innovations & Technology on **September 20, 2025**.
- PowerPoint Competition was organized by Department of Chemistry on **Sept. 24, 2025** on account of **World Chemistry Day**. Seven Students participated in the competition. The results of PowerPoint Presentation competition are appended below:

S. No.	Name	Class	Roll No.	Topic of presentation	Result
1.	Yakriti	B. Sc.III (LS aided)	1230526008	Food Chemistry	Third Position
2.	Chhavi Seth	B. Sc.III (LS SFS)	1232547013	Cosmetic Chemistry	Second Position
3.	Payal Rani	B. Sc.III (PS aided)	1230528023	Green Chemistry	Third Position
4.	Janvi	B. Sc.III (PS aided)	1230528001	Medicinal Chemistry	-
5.	Gurnoor Kaur	B. Sc.I (PS aided)	1250528013	Green Chemistry	First Position
6.	Shambhavi	B. Sc.I (LS SFS)	1252547017	Green Chemistry	-
7.	Riya	B. Sc.I (PS aided)	1250528025	Food Chemistry	-



- The Department of Chemistry, Kumari Vidyavati Anand D.A.V. College for Women, Karnal, organised a two-day workshop on the theme **“The Hidden Life of Spices”** on **October 17–18, 2025**, to mark the celebration of **National Chemistry Week** (October 19–25, 2025). The workshop aimed to inspiring B.Sc. Students to explore the fascinating world of chemistry through the science behind everyday spices. The workshop commenced with a virtual expert lecture by Prof. Neera Raghav, Professor, Department of Chemistry, Kurukshetra University, Kurukshetra. Her talk focused on the chemical composition, therapeutic properties, and industrial significance of spices, offering valuable insights into their hidden scientific dimensions. Further, the workshop featured hands-on practical demonstrations in the Chemistry Lab for the preparation of herbal products such as shampoo, talcum powder, nail polish, nail polish remover, and soaps, during which participants actively explored the extraction and analysis of spice-derived components. The interactive sessions encouraged curiosity, creativity, and analytical thinking among the students.

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Department of Chemistry
 organizes
Two-Day Workshop
 On account of
National Chemistry Week
 (Oct 19-25, 2025)
 Under the theme
The Hidden Life of Spices
 For Inspiring Young Scientists
October 17-18, 2025

Registration: 8th October-15th October, 2025
 Registration link: <https://forms.gle/YT9Ch6iayoo1vuse8>

PROGRAM SCHEDULE
 Time: 12:00 p.m. -2:00 p.m.

DAY 1: October 17, 2025
 Inaugural Session
 # Expert Lecture (Virtual)
 Venue: Room no. 16 B, Science Block

DAY 2: October 18, 2025
 Chemistry Lab 1
 # Practical Demonstration and Hands-on Practice

INVITED GUEST

 Prof. Neera Raghav
 Ex. Chairperson, Dept. of Chemistry
 Kurukshetra University, Kurukshetra

ORGANIZING COMMITTEE

Patron
 Ms. Meenu Sharma
 Principal (Off.)

Convener
 Dr. Manju Singh
 HoD, Department of Chemistry

Organizing Secretaries
 Ms. Swati, Dr. Priyanka,
 Dr. Rimi, Ms. Ritu



Two Day workshop on account of national chemistry week

- Students **Ms. Kanchan** and **Ms. Muskan** (M.Sc. Biotechnology), successfully participated in the Call for Research Project Proposals under “**Anveshan 2025**”, the annual research convention aimed at fostering innovation, critical inquiry, and interdisciplinary collaboration among emerging scholars across the country. The event was held on **12 November 2025** at Kurukshetra University, Kurukshetra. The students demonstrated outstanding research aptitude and were awarded the **First Prize**, along with being selected to present their project work in the final presentation round.
- National Women’s Safety Day was observed with great enthusiasm on **November 25, 2025** at Kumari Vidyavati Anand DAV College for Women, Karnal, organized by the Internal Complaints Committee, Women Cell, and Gender Audit Committee under IQAC. The program commenced with an inspiring address by Principal Ms. Meenu Sharma, who highlighted the growing concerns related to eve-teasing and gender-based violence. Following the inaugural address, students participated in an interactive session that encouraged open dialogues and reflection on everyday challenges faced by women. A short film highlighting issues of women’s safety and empowerment was screened, which further deepened the students understanding and sensitivity toward the topic. The event concluded with a pledge ceremony, where faculty members and students took an oath to stand against all forms of harassment and discrimination, and to promote a culture of respect, equality, and safety within and beyond the campus. The observance of National Women’s Safety Day served as a meaningful step toward strengthening awareness and fostering a supportive community committed to women’s well-being.

- Two teams participated in **Zonal Level Science Quiz Competition** held on **January 29, 2026** at G.V.M. Girls College, Sonipat. One team comprising three Students, **Ms. Chhavi Seth, Ms. Shivani, and Ms. Yashika** of BSc-III qualified for **State Level Science Quiz Competition** by securing 2nd position.
- Students **Ms. Yashika** (BSc-III) and **Ms. Gurnoor Kaur** (BSc-I) secured 2nd Position **Inter District Science exhibition** held on **January 31, 2026** at Pt. C.L.S. Govt. Postgraduate College, Sector-14, Karnal.
- The B.Sc. students of the Department of Chemistry visited a sugar mill on **February 27, 2026**, to gain practical exposure to industrial chemical processes. They observed the step-by-step manufacture of sugar, including crushing of sugarcane, juice extraction, clarification, evaporation, crystallization, centrifugation, and drying of sugar crystals. Students also understood the role of chemical treatments such as sulphitation, pH adjustment, impurity removal, and quality control. The visit highlighted important by-products like molasses and bagasse and their industrial uses. A key learning aspect was the fermentation process, where molasses is converted into ethanol and carbon dioxide by yeast (*Saccharomyces cerevisiae*) under anaerobic conditions. This provided valuable insight into the practical applications of biochemical reactions and industrial microbiology.



Sugar mill Visit on February 27, 2026

- World Science Day was celebrated on February 28, 2026 by the entire Science Department of K.V.A D.A.V College for Women, Karnal. The two-day program featured a science exhibition on day one (February 27, 2026), followed by a documentary film about the issue Sunita Williams faced during her space mission was screened on second day.



Showing Documentary film to the students on Sunita William's space journey



Models prepared by students on Science Day



- Students Ms. Chhavi Seth, Ms Shivani and Ms. Yashika (BSc.-III) represented the college at **State Level Science Quiz Competition** held on **15th April 2026** at Dyal Singh College, Karnal
- The Department of Chemistry, Kumari Vidyavati Anand D.A.V. College for Women, Karnal, under the aegis of IQAC, successfully celebrated World Earth Day on **April 22, 2026**, with the theme **"Chemistry for a Green and Sustainable Planet."** The programme aimed to create awareness about environmental protection and the vital role of chemistry in promoting sustainable practices. Dr. Manju Singh, Head of the Department of Chemistry, delivered an insightful awareness talk highlighting innovative chemical approaches for environmental conservation. The event featured a short film on sustainability, followed by an engaging interactive discussion where students actively explored solutions to current environmental challenges. A quiz competition was also organized to reinforce learning in an interesting manner. The celebration witnessed enthusiastic participation from students and

faculty, reflecting a shared commitment towards building a greener and more sustainable future.



Dr. Manju Singh addressing the students



Students watching documentary film on the destructive nature of plastic



Rewarding the student in Quiz

