

Event: Chemistry Labs visit by the students of Springdales School, Pusa Road, Delhi

Organizing Department: Chemistry Department, Hansraj College

Event Convenor: Dr. Satish Chand

Resource Person: Dr. Satish Chand & Prof. Renu Parashar

Date: 16.07.2025

Time: 09:30 am – 12:00 pm

No. of students: 27

With the permission of our dynamic Principal ma'am Prof. (Dr.) Rama and Vice-Principal ma'am Prof. Vijay Rani Rajpal, a Chemistry Labs visit was organized by the Chemistry Department, Hansraj College, for class XI & XII students of Springdales School, Pusa Road, Delhi, on 16th July, 2025. Total 27 students along with two teachers attended this visit. They visited Chemistry Lab 1, 2, 3, 4, 5 & 6. During the lab visit, students were familiarized with the different types of instruments and their working. They were also demonstrated some interesting activities.

They were shown the following instruments and apparatus:

1. Vacuum pump and Vacuum filtration.
2. Electronic Melting point apparatus & Kjeldahl flask.
3. Distillation set-up & Refluxing set-up.
4. Centrifuge Machines (Handy, normal speed & high speed) & Centrifugation.
5. Orbital shaker
6. Colorimeter
7. Digital pH-meter-cum-potentiometer
8. Digital conductometer
9. UV-Visible spectrophotometer
10. Visible spectrophotometer
11. Hot air oven
12. Muffle furnace.
13. Fume-Cupboard / Chamber
14. UV-Chamber
15. Flame-photometer etc.

The following activities were demonstrated:

1. Chemistry of Indicators: Phenolphthalein. (Lab-5) (by Dr. Satish Chand)
2. Purification by distillation and determination of boiling point. (Lab-5) (by Dr. Satish Chand)

3. Differentiation between heating and refluxing. (Lab-5) (by Dr. Satish Chand)
4. Determination of Melting point using Kjeldahl method and Electronic Melting Point apparatus. (Lab-5) (by Dr. Satish Chand)
5. Working of UV-Visible Spectrophotometer. (Lab-6) (by Dr. Satish Chand)
6. Working of digital pH-Meter & Potentiometer. (Lab-3) (by Prof. Renu Parashar)
7. Differentiation between fluorescent compound and non-fluorescent compound using UV-Chamber. (Lab-3) (by Dr. Satish Chand)
8. How to check fake currency note using UV-Chamber. (Lab-3) (by Dr. Satish Chand)

Photographs of the Event:







Attendance Sheets:

Attendance Sheet				Date: 16,07,2025
S.N.	Name	Signature	Class (If Student)	Student/ Teacher
1)	Ayaan Agarwal	Ayaan	XII-	Student
2)	Siddharth Bhoskar	Sid	XII	"
3)	Anni Sharma	Anni	XII	"
4)	Siddharth Tibrewal	Sit	XII	"
5)	Ranvir Singh Nagpal	Ranvir	XII	"
6)	Adhiraj Singh	Adhiraj	XII	"
7)	Nia Ahuja	Nia	XI	"
8)	Mayank	Mayank	XII	"
9)	Nimrat Bagel	Nimrat	XII	"
10)	Shagun Gupta	Shagun	XII	"
11)	Yuvraj Soham	Yuvraj	XII	"
12)	Aakasha Aroora	Aakasha	XII	"
13)	Kaisha Mehra	Kaisha	XII	"
14)	Anika Butani	Anika	XI	"
15)	Gianna Lal	Gianna Lal	XI	"
16)	Kritika Sharma	Kritika	XI	"
17)	Kanak Gupta	Kanak	XI	"
18)	Seetha	Seetha	XII	"
19)	Akshara Gupta	Akshara	XII	"
20)	Ishi Gupta	Ishi	XII	"
21)	Navya Nanda	Navya	XII	"
22)	Pragya Gupta	Pragya	XII	"
23)	Indiraaditya Tuli	Indiraaditya	XII	"
24)	Iqbal Singh Marwah	Iqbal	XII	"

Attendance Sheet

Date: 16.07.2025

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