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### HANS RAJ COLLEGE

UNIVERSITY OF DELHI
Mahatma Hansraj Marg
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# **NAAC** ACCREDITED 'A++' GRADE COLLEGE

#### 2024-2025



**Name of the Event:** Exposure Visit and 79<sup>th</sup> Foundation day celebration at CSIR-National Physical Laboratory

Organised by: Institution's Innovation Council (IIC) and Department of Physics and Electronics,

Hansraj College, University of Delhi, Delhi

**Date of the Event:** 4th January, 2025

**Duration/Event Timing:** Morning, 9:30 AM to 3:00 PM

Venue of the Event: National Physical Laboratory (NPL), Dr KS Krishnan Marg, Pusa, New Delhi,

Delhi-110012

Name of Coordinator(s): Dr. Yogesh Kumar and Dr. Yagyadatta Goswami

Name of Convener: Dr. Ambika

#### **Event Description (About 250 Words):**

On January 4, 2025, the **Institution Innovation Council (IIC)** and the **Department of Physics and Electronics**, Hansraj College, University of Delhi, organized a one-day exposure visit to the **National Physical Laboratory (NPL)**, coinciding with NPL's **79th Foundation Day celebration**.

The visit was attended by second- and third-year students of the Physics and Electronics Department. The group arrived at NPL at 9:00 AM and was warmly welcomed with refreshments. Following this, a guide was assigned to the group by **Dr. Shibu Saha**, Senior Scientist at NPL, who provided an introductory briefing about the laboratory and its key focus areas. The day's itinerary included visits to several advanced laboratories, offering students a firsthand opportunity to observe and learn about cutting-edge technologies. The topics covered during these visits included thin film preparation, sputtering, thermal evaporation, spectroscopy, and the upgraded water flow calibration facility, among other innovative technologies. Scientists at NPL not only demonstrated these concepts but also engaged with the students, answering questions and clarifying doubts. Each laboratory visit provided a unique and enriching experience, enabling students to gain valuable insights and expand their understanding of the practical applications of physics and electronics. After visiting three laboratories, the students attended the 79<sup>th</sup> Foundation Day program. Distinguished speakers, including Prof. Veezhinathan, Director of IIT Madras, and Prof. Venu Gopal Achanta, along with other eminent scientists, delivered insightful talks that inspired the audience. At around 12:30 PM, students had the opportunity to interact with experts during a dedicated session, followed by lunch.

Overall, the visit was both informative and engaging, offering students a blend of theoretical knowledge and hands-on exposure to state-of-the-art research in physics and electronics.

# हंसराज महाविद्यालय

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#### **Geo-Tag Pics of Visit:**



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#### **List of Participants:**

# 79th FOUNDATION DAY & LAB VISIT at CSIR-NPL

4th January 2025. 9:00 am onwards

B.Sc (Hons) Physics- 2nd and 319 year [619] Students, 15

#### Faculty Coordinator(s): 02

Dr. Yogesh Kumar, Physics & Electronics Department & Dr. Yagyadatta Goswami, Physics & Electronics Department Hansraj College, University of Delhi, New Delhi-110007

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4	PRAKARTI	5	8939	9560191413	Oxagen Blos
5	RUCHIKA	5	8986	9315066102	Rudrike
6	AYUSH GUPTA	5	8961	9899619422	Mush aupta
7	SPANDAN	5	8948	9548714709	Spanden
8	AMRISH	5	8972	8543986465	Quowen
9	HITESH	5	8954	7505695723	Hitesh kuman
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15	YASH TYAGI	3	13986	6280037826	AB
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(YOGESH KUMAR)