



## **SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA (Co-Ed)**

(Sponsored by the Exhibition Society)

**UGC AUTONOMOUS INSTITUTION**

Approved by PCI-New Delhi, Affiliated to Osmania University

NBA Accredited B. Pharmacy Course, Accredited A+ grade by NAAC

### **REPORT ON VISIT TO CSIR-CCMB**

Date: September 26, 2025

Time: 1:30 to 2:30 PM

Venue: CSIR – CCMB Habsiguda, Hyderabad

#### **Introduction**

As a part of our academic enrichment and practical exposure, a group of 50 students from Sarojini Naidu Vanita Pharmacy Maha Vidyalaya, accompanied by Dr. Jithender and S. Divya, visited the Council of Scientific and Industrial Research – Centre for Cellular and Molecular Biology (CSIR–CCMB), Hyderabad. The visit aimed to provide students with insights into advanced scientific research facilities, instrumentation, and their applications in the field of life sciences and pharmacy.

#### **Journey**

The team started from the college premises at 12:30 PM and reached CSIR–CCMB by 1:00 PM. The visit was well coordinated and systematically organized.

#### **Orientation and Guidance**

Upon arrival, the students and faculty were welcomed by Mr. Sudharshan, who was assigned as a guide for the visit. He provided an overview of the institution, its objectives, and the various research activities being carried out at CCMB.

#### **Facilities and Equipment Visited**

Mr. Sudharshan took the group around the major facilities and research laboratories. He explained in detail the instruments, technologies, and their importance in biological and pharmaceutical research. The students were able to observe and learn about: Advanced laboratory equipment used in molecular biology and biotechnology Research methodologies followed in genetics, genomics, and cell biology. The role of



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instrumentation in drug discovery and biomedical research. Each section was explained with relevance to the applications in real-world research.

On the foundation day visit, we explored various advanced research facilities. We were introduced to different microscopes (light, scanning, electron, confocal, and cryo-EM), spectroscopy methods, and 3D imaging.

- The DNA sequencing labs explained technologies like NGS and Oxford Nanopore used for identifying genetic mutations in humans, animals, and plants.
- We also visited labs on *Drosophila* (fruit fly) for behaviour studies, proteomics, and flow cytometry for immune cell detection.
- The wildlife conservation section showcased DNA forensics, species identification, and projects on wild water buffalo and zebrafish as model organisms.
- Other highlights included research on liver diseases, tuberculosis, malaria, viral infections, and sickle cell anaemia, along with demonstrations on liquid nitrogen handling.
- The visit gave us valuable exposure to modern biological research tools and their applications in health, genetics, and conservation.

### **Key Learnings**

1. Exposure to state-of-the-art scientific equipment and their functioning.
2. Understanding the importance of research in cellular and molecular biology for drug development and healthcare.
3. Learning about interdisciplinary collaboration between biology, pharmacy, and biotechnology.
4. Interaction with experts and understanding the scope of research careers in premier institutes like CCMB.



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### **Conclusion**

The visit to CSIR–CCMB proved to be an enriching experience for all students. It enhanced their knowledge about advanced research facilities and inspired them to pursue research-oriented careers. The guidance provided by Mr. Sudharshan was highly informative and helped in bridging the gap between theoretical knowledge and practical applications.

We sincerely thank CSIR–CCMB authorities for granting us the opportunity, and our faculty members Dr. Jithender and S. Divya for accompanying and guiding us throughout the visit.

### **Acknowledgment**

We sincerely thank CSIR–Centre for Cellular and Molecular Biology (CCMB), Hyderabad for giving us the valuable opportunity to visit their prestigious institute. We also extend our heartfelt thanks to our college management and faculty members. We thank all our students for their active participation and cooperation, which contributed to the success of this visit.





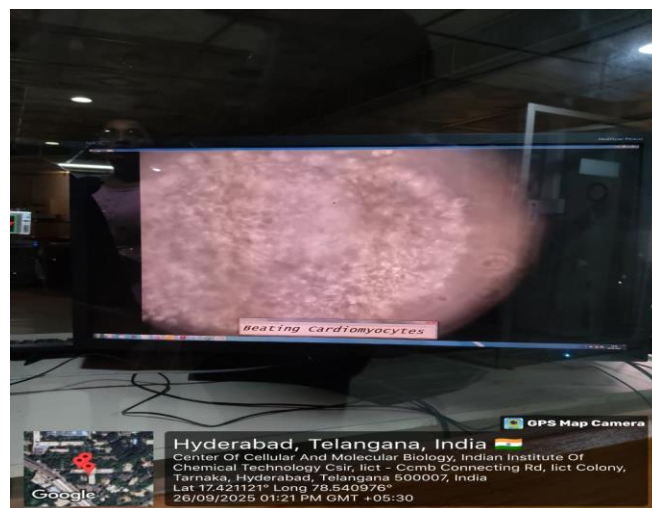
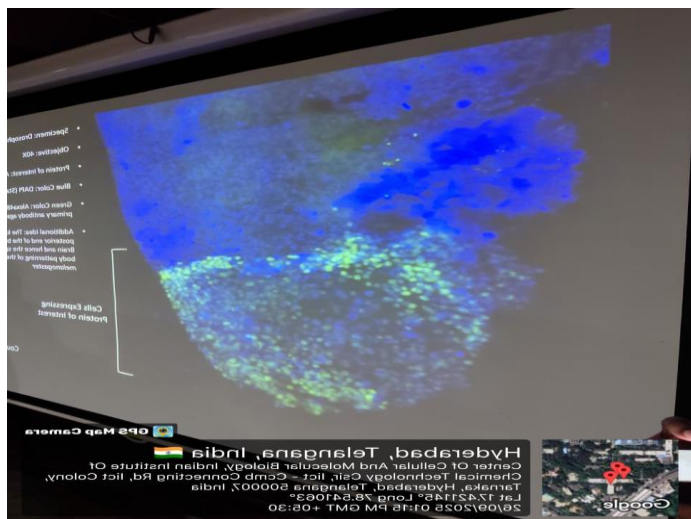
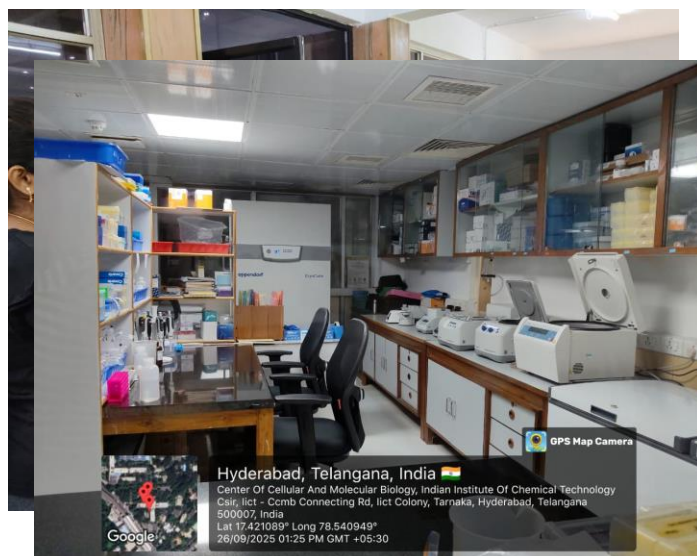
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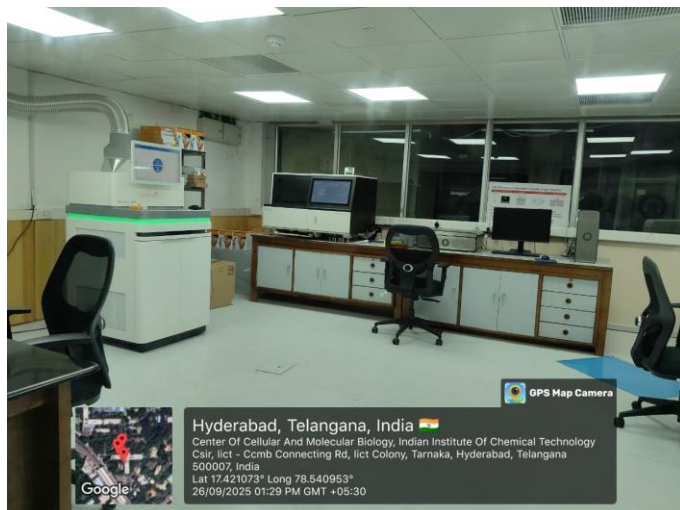
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SAROJINI NAIDU VANITA PHARMACY MAHA VIDYALAYA Affiliated to Osmania University, Approved by AICTE & PCI CCMB PROGRAM - LIST OF PHARM.D. STUDENTS		
S.No	NAME OF THE STUDENT	COURSE / YEAR
1	Nomitha <i>Nomitha</i>	PHARM.D. V YEAR
2	Shreshta <i>Shreshta</i>	PHARM.D. V YEAR
3	Chandana <i>Chandana</i>	PHARM.D. V YEAR
4	G.Lakshmi <i>Lakshmi</i>	PHARM.D. V YEAR
5	Lippishree <i>Lip</i>	PHARM.D. V YEAR
6	Pavani <i>Pavani</i>	PHARM.D. V YEAR
7	Neha <i>Neha</i>	PHARM.D. V YEAR
8	Rakshitha <i>Rakshitha</i>	PHARM.D. V YEAR
9	Oormila <i>Oormila</i>	PHARM.D. V YEAR
10	Ravalika <i>Ravalika</i>	PHARM.D. V YEAR
11	Nikitha <i>Nikitha</i>	PHARM.D. V YEAR
12	Jhanavi <i>Jhanavi</i>	PHARM.D. V YEAR
13	A.Shravani <i>Shravani</i>	PHARM.D. V YEAR
14	Shreya <i>Shreya</i>	PHARM.D. V YEAR
15	Alibha <i>Alibha</i>	PHARM.D. V YEAR
16	Divya <i>Divya</i>	PHARM.D. V YEAR
17	Sindhu <i>Sindhu</i>	PHARM.D. V YEAR
18	E.Laxmi <i>Laxmi</i>	PHARM.D. V YEAR
19	Tejashree <i>Tejashree</i>	PHARM.D. V YEAR



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20	Sarayu	<i>Sarayu</i>	PHARM.D. V YEAR
21	Husna	<i>Husna</i>	PHARM.D. V YEAR
22	Shailaja	<i>Shailaja</i>	PHARM.D. V YEAR
23	Srija	<i>Srija</i>	PHARM.D. V YEAR
24	Harini	<i>Harini</i>	PHARM.D. V YEAR
25	Nivedita	<i>Nivedita</i>	PHARM.D. V YEAR
26	Rishika	<i>Rishika</i>	PHARM.D. V YEAR
27	J.Shravani	<i>Shravani</i>	PHARM.D. V YEAR
28	Sneha Jain	<i>Sneha Jain</i>	PHARM.D. V YEAR
29	Aatifa	<i>Aatifa</i>	PHARM.D. V YEAR
30	Fouzia Kousar	<i>Fouzia</i>	PHARM.D. PB I YEAR
31	Zaina	<i>Zaina</i>	PHARM.D. PB I YEAR
32	Sana Fathima	<i>Sana</i>	PHARM.D. PB I YEAR
33	Ameera	<i>Ameera</i>	PHARM.D. II YEAR
34	Sneha	<i>Sneha</i>	PHARM.D. II YEAR
35	Raachitha	<i>Raachitha</i>	PHARM.D. II YEAR
36	Parimala	<i>Parimala</i>	PHARM.D. II YEAR
37	Navya Sree	<i>Navyasree</i>	PHARM.D. II YEAR
38	Navya reddy	<i>Navya reddy</i>	PHARM.D. II YEAR
39	Rishanka	<i>Rishanka</i>	PHARM.D. II YEAR
40	Tanmaye	<i>Tanmaye</i>	PHARM.D. II YEAR
41	Maryam	<i>Maryam</i>	PHARM.D. II YEAR



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42	Indrani	Indrani	PHARM.D. II YEAR
43	Vintuna	Vintuna	PHARM.D. II YEAR
44	Ananya	Ananya	PHARM.D. II YEAR
45	Chaitra	Chaitra	PHARM.D. II YEAR
46	Ujwani	Ujwani	PHARM.D. II YEAR
47	Sushma	Sushma	PHARM.D. II YEAR
48	Rohitha	Rohitha	PHARM.D. II YEAR
49	Shivani	Shivani	PHARM.D. II YEAR
50	Lasya	Lasya	PHARM.D. II YEAR