

VPM's B.N. Bandodkar College of Science (Autonomous), Thane

Name of activity	Visit to LifeSenz Cancer Laboratory, Bhiwandi
Objectives of the activity (maximum 40 words)	<ul style="list-style-type: none"> • To educate students about the importance of making cancer treatment more precise and affordable, focusing on the development of innovative therapies. • To learn about the latest advancements in cancer research, including diagnostic techniques, biomarkers, and early detection methods that are being explored in the lab. • To interact with researchers and lab technicians to gain deeper insight into their work, learn about the challenges they face, and understand how their research might influence future cancer treatments or therapies.
Organizing department/s	Department of Biochemistry
Collaborative institute	-
Date (DD / MM / YYYY)	06/12/2024
Venue	LifeSenz , Sonale, Bhiwandi, Mumbai.
Mode (Online/Offline/ Hybrid)	Offline
Details of Resource Person/ Speaker (name, designation, institute)	Dr. Arindan Banerjee CEO and director
Key Participants	FY, SY, TY Students of Biochemistry Department
Remarkable outcomes / key take away messages (max. three)	<ul style="list-style-type: none"> • Students got in-depth knowledge about the working of oncogenes and cancer mechanisms. • Students learnt how cell culture techniques are used to grow and study cancer cells in a controlled environment and understand cancer cell behavior. • Students gained a deeper understanding of how precision medicine is revolutionizing cancer treatment, including the role of personalized therapies and targeted drugs in improving patient outcomes.
Details of Teachers participants	M 0 F 4 T 4

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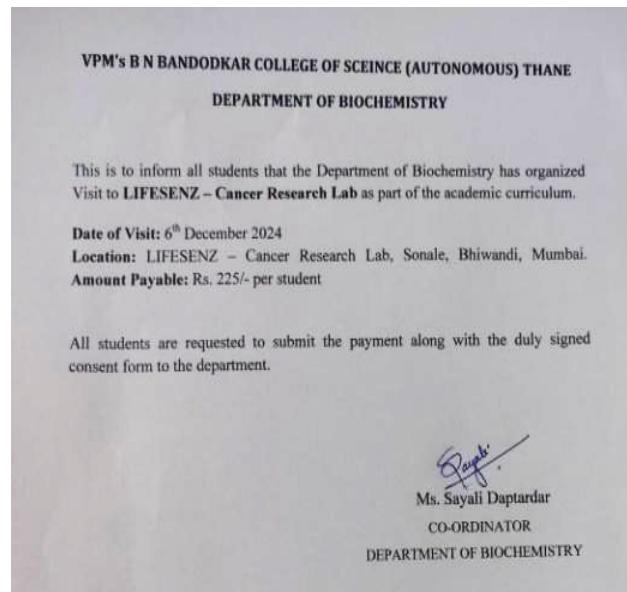
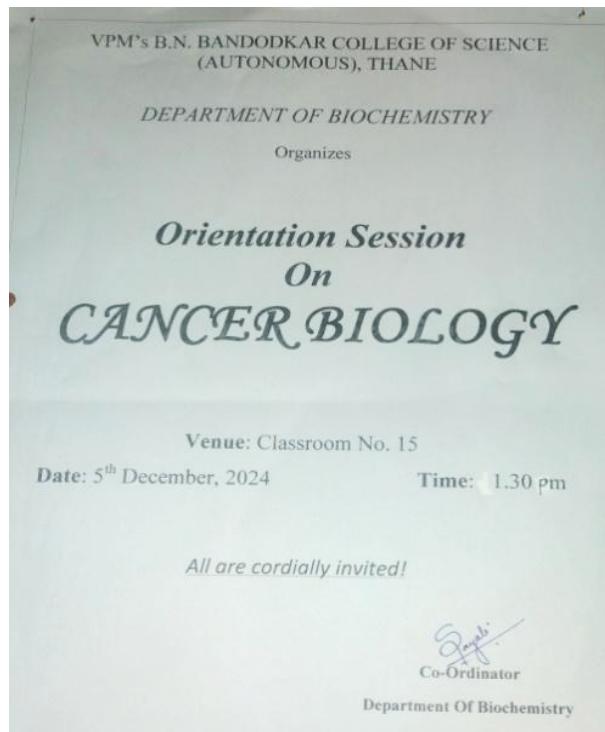
Details of Student participants	M 3 F 27 T 30
Outsiders	-
In-house	34
Additional information	An orientation session on cancer biology was conducted by Ms. Pooja Kanse to provide an overview of the fundamental concepts of cancer.
Name of Co-ordinator	Ms. Sayali Daptardar

Geotagged photo



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Flyer/ Notice



Attendance

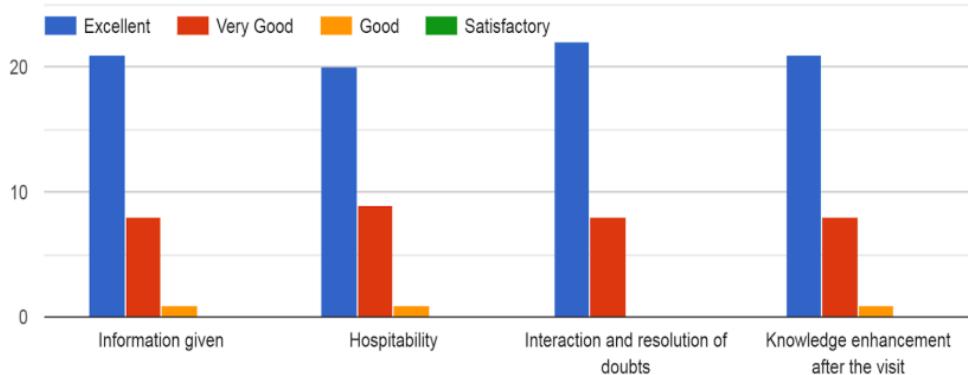
VPM's B. N. Bandodkar College of Science (Autonomous), Thane Department of Biochemistry Attendance sheet				
Name of the Activity: Orientation Session on "Cancer Biology"			Date: 5/12/2024	
Sr. No.	Name	Class	Gender	Signature
1.	Aniket Bhinde	SYBSC	Female	
2.	Srishti Patil	SYBSC	Female	
3.	Sukhmani Chahal	SYBSC	Female	
4.	Madhuri Yadav	SYBSC	Female	
5.	Komal Shukla	SYBSC	Female	
6.	Simran Nishad	TYBSC	Female	
7.	Darshika	TYBSC	Female	
8.	Aafik Bassi	SYBCH	Male	
9.	Kriti Naik	SYBCH	Female	
10.	R. Shyeli. Sawant	SYBCH	Female	
11.	Chetna Sharma	TYBCH	Female	
12.	Komal Tambe	TYBCH	Female	
13.	Faizan Sayed	SYBCH	M	
14.	Sarthi Pandey	SYBCH	M	
15.	Yashvi Singh	SYBCH	Female	
16.	Janhavi yelkar	SYBCH	Female	
17.	Sonam Mishra	SYBCH	Female	
18.	Shweta singla	SYBCH	Female	
19.	Sarthi Gawade	SYBCH	Female	
20.	Bhumi Patil	SYBCH	Female	
21.	Heba Alvi	FYBSC	Female	
22.	Saanvi Bidwai	FYBSC	Female	
23.	Pradnya kulkarni	FYBSC	Female	

SR. NO.	PRN NO.	NAME	Gender	Sign
24	2024420302	Shruti chawan	Female	Shruti
25	2024420303	Shreya Pogadi	Female	Shreya
26	2024420304	Annu Madinal	Female	Annu
27	2023420160	Shaznya Shaikh	Female	Shaznya
28	A2023420169	Neha Khan	Female	Neha Khan
29				
30				
31				
32				

VPM's B. N. Bandodkar College of Science (Autonomous), Thane Department of Biochemistry Attendance sheet				
Name of the Activity: LifeSenz Cancer Lab Visit			Date: 6/12/2024	
Sr. No.	Name	Class	Gender	Signature
1.	Heba Alvi	FYBSC	Female	
2.	Pradyumn Kulkarni	FYBSC	Female	
3.	Saanvi Bidwai	FYBSC	Female	
4.	Sarthi chawan	FYBSC	Female	
5.	Annu Madinal	FYBSC	Female	
6.	Shreya Pogadi	FYBSC	Female	
7.	Komal Shukla	SYBSC	Female	
8.	Sakshi Sawade	SYBSC	Female	
9.	Shubh Sawant	SYBSC	Female	
10.	Shubh Sawant	SYBSC	Female	
11.	Shubh Sawant	SYBSC	Female	
12.	Shubh Sawant	SYBSC	Female	
13.	Kriti Naik	SYBSC	Female	
14.	Darshika Kulkarni	SYBSC	Female	
15.	Faizan Sayed	SYBSC	M	
16.	Sarthi Pandey	SYBSC	M	
17.	Sonam Mishra	SYBSC	Female	
18.	Ali Abdes Zafar	SYBSC	Male	
19.	Komal Tambe	TYBSC	F	
20.	Chetna Sharma	TYBSC	F	
21.	Varshika Agarwal	TYBSC	F	
22.	Nishita Desai	SYBSC	Female	
23.	Yashvi Singh	SYBSC	Female	
24.	Janhavi yelkar	SYBSC	Female	

Feedback analysis

How was your LifeSenz laboratory Visit (Select any one among the four options)



We learnt about lab precautions and various other instruments like Real Time PCR, gel doc, ELISA, etc. The main study focus was "personalised cancer therapy". We learnt about how different cancer patients have different treatments. It was a really knowledgeable visit and I would like to know more about these machines in detail in future.

Instrumental knowledge

We learn about instruments and how they work it's was to good

Got to learn about Lot of cancer treatment and there culture process how do they study the cells the techniques.

I came to know many things about cancer and tumors , one of the things that I learnt and is still stuck in my head is that tumors of Cancer can be made of different types of cells and ofcourse, they do differ in property.

Clear basics

information about various types of technology and techniques about lab instruments and knowledgeable
