



A Joint Venture of  
**Indian Institute of Technology  
Bombay**

IN COLLABORATION WITH

**BD BIOSCIENCES INDIA**



# Hands-on Workshop in Flow Cytometry, Cell Sorting, Data Analysis & Advance Applications

## SCHEDULE

*Day-1*

**17th Jan'2024  
(Wednesday)**

9:15-10:00 AM

**Registration verification and distribution of Welcome kit (BSBE)**

10:00-10:45 AM

**Breakfast**

10:45-11:00 AM

**Assembly at VMCC**

11:00-11:10 AM

**Opening by Prof. P.V. Balaji (HoD)**

11:10-11:20 AM

**Introduction & Briefing by Prof. Anirban Banerjee (Convenor )**

11:20-11:30 AM

**Introduction of Prof. Krishnamurthy (NCBS Bangalore) by BD personnel**

11:30-01:00 AM

**Talk on Principles of Flow Cytometry by Dr. Krishnamurthy**

1:00-2:15 PM

**Lunch Break at BSBE**

2:15-3:15 PM

**Demonstration of FACS Machine by Ms. Ankita Parab(BD)**

3:15 -4:00 PM

**Experiment on immune cells by Ms. Manasa (In Batches) Presentation of Mr. Tuhin on Cell cycle**

4:00-4:15 PM

**Tea Break**

4:15-5:00 PM

**Experiment on immune cells by Ms. Manasa (In Batches) Presentation of Mr. Tuhin on Cell cycle**

5:00-5:30 PM

**Shutdown of FACS Machine**



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## SCHEDULE

### Day-2

**18th Jan'2024  
(Thursday)**

9:30-10:15 AM

**Breakfast**

10:15-11:15 AM

**Talk on Material- based approaches for cancer immune therapy by Prof. Prakriti Tayalia (Prof. @BSBE IITB)**

11:15-12:15 AM

**Talk on Multicolor Flow Cytometry by Mr. Swapnil Walke (BD)**

12:15-1:00 PM

**Presentation by Ms. Manasa on Immune system and Flow Cytometry**

1:00-2:15 PM

**Lunch Break**

2:15-3:00 PM

**Data analysis of experiment by Ms. Manasa**

3:00-4:00 PM

**Experiment on T cells by Ms. Ambalika (In Batches)  
Presentation of Ms. Chaitra on Apoptosis**

4:00-4:15 PM

**Tea Break**

4:15-5:00 PM

**Experiment on T cells by Ms. Ambalika (In Batches)  
Presentation of Ms. Chaitra on Apoptosis**

5:00-5:30 PM

**Shutdown of FACS Machine**

<https://maps.app.goo.gl/Ria5Gn2yPeCiXtCN8>



**VMCC, IIT-Bombay**

<https://maps.app.goo.gl/Ce6svupg9uacf1fM7>



**BSBE, IIT-Bombay**

**-VENUES-**

Website

<https://www.bio.iitb.ac.in/facs-workshop/>



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## **Hands-on Workshop in Flow Cytometry, Cell Sorting, Data Analysis & Advance Applications**

# SCHEDULE

*Day-3*

**19th Jan'2024  
(Friday)**

9:30-10:15 AM

**Breakfast**

10:15-11:00 AM

**Talk on HIV non-progression : panel by panel towards a functional cure?  
By Dr. Vainav Patel (Scientist NIRRH)**

11:00-12:00 PM

**Talk on Flow Jo analysis by  
Mr. Swapnil Walke**

12:00-1:00 PM

**Experiment on Apoptosis  
By Ms. Chaitra**

1:00-2:15 PM

**Lunch Break**

2:15-3:00 PM

**Data analysis of experiment  
By Ms. Chaitra**

3:00-3:45 PM

**Data analysis of experiment  
By Ms. Ambalika**

3:45-4:15 PM

**Group Discussion**

4:15-4:30 PM

**Tea Break**

4:30-5:00 PM

**Certificates and Thanks giving  
By Prof. Anirban Banerjee**

**Contact**

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