

Flow Cytometry Training of MBGU-NSU Int-PhD (2025 Batch) at JNCASR on 27th - 28th March, 2026

<u>Day 1: 27th March 2026</u>		
10:00 am	Attendance	
10:15 am - 11.30 am	Introduction to Flow Cytometry	Theory
11:30 am - 12.30 pm	Different concepts in Flow Cytometry	Theory
12:30 pm - 1.30 pm	Flow Cytometry Applications: Immunophenotyping & Cell Cycle	Theory
1:30 pm - 2:00 pm	Lunch Break	
2:00 pm - 3:00 pm	Demo: BD FACS AriaIII, BD FACS Aria Fusion & BD FACSymphony A3	Demo
3:00 pm - 4:00 pm	Overview of Instrument QC	Hands-on
4:00 pm - 5:30 pm	DNA QC for Cell cycle -CEN, CTN	Hands-on
<u>Day 2: 28th March 2026</u>		
10:00 am - 10:30 am	Day 1 review	Theory
10:30 am - 11:30 am	Template Preparation on FACS Diva software	Hands-on
11:30 am - 1.30 pm	Immunophenotyping: Analysis of B & T cells from Spleen	Hands-on
1:30 pm - 2:00 pm	Lunch Break	
2:00 pm - 3:30 pm	Immunophenotyping	Hands-on
3:30 pm - 5:00 pm	Cell Cycle	Hands-on
5:00 pm - 5:30 pm	Feedback/Evaluation	

Venue: SBS Meeting room (Mazumdar-Shaw Building) (Theory session)

FACS Facility, (Mazumdar-Shaw Building) (Hands-on)

Presenter: Dr. Narendra Nala, Anchal Gupta