

# Winter School on Flow Cytometry



Skill Development Centre  
School of Life Sciences  
University of Hyderabad



27 Nov - 02 Dec 2023

In support from



## Hand on Training on Flow Cytometry

### About

The flow cytometry workshop will provide advanced training on cell sorting and FlowJo data analysis in addition to skill development on its applications. The participants will have one to one hands on experience on different applications. It enables the participants to plan, carryout basic research or clinical experiments, interpret and present the data. **This program is being conducted in collaboration with TCS and BD Biosciences, India**

### Target Participants

PhD students / Technicians / Faculty / Scientists in any branch of Life Sciences

Number of Participants: 20

### Instruments

Cytoflex, Beckman Coulter  
BD LSR Fortessa and BD FACS Aria

### Methodology

Classroom based and hands on training

### Course fee

Students: Rs. 10,000/-; Faculty and industry personnel: Rs. 15,000/-

(Boarding/ Lodging and food charges extra; Shared hostel accommodation will be provided based on availability in the University Hostel / Guest house)

### Topics to be covered

- Fundamentals and principles of flow cytometry
- Instrument operation and setup for acquisition and analysis. Compensation and quality control aspects of flow cytometer
- Choice of fluorochromes and sample preparation, panel designing and gating strategies
- Data analysis, statistics, interpretation and data presentation
- Research and clinical applications of flow cytometry and Cell sorting

### Resource Faculty / Experts

Dr. Radheshyam Maurya (Coordinator)  
Dr. M.K. Arunasree (Basic)  
Dr. Roy Karnati (Basic)  
Dr. Kunal Sahgal (Clinical)  
Dr. Manu Goyal (Clinical)  
Dr. Karthik Bommanna B.K. (Clinical)  
Mr. K. Karuna BD Biosciences

### Application procedure

Interested candidates are requested to submit their CV to Dr. Suresh Yenugu (sdc.sls.uoh@gmail.com) on or before 20<sup>th</sup> Nov, 2023.

### For further details, Contact

- Dr. Suresh Yenugu  
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