

Program & Venue

This course will be conducted during 5-10 June, 2017 at CCE Lecture Hall, IISc, Bengaluru

Eligibility

Qualification required: M.Sc /B.Tech/ B.E degree in any branch of Biological Sciences

Course Fee (Per Participant): Rs. 10,000/-

Receiving Completed Application: 3rd April, 2017
28th April 2017

Intimation of Selection: 10th April, 2017 5th May 2017

The Course Fee can be paid in the form of a Demand Draft favoring **"The Registrar, Indian Institute of Science", payable at Bengaluru**. For group registrations, the course fee can also be paid through electronic transfer facility using the following information:

Name of the Bank : State Bank of India

Address of the Bank: Indian Institute of Science Campus, Bengaluru-12

Account Number: 31728098170

Type of Account: Savings Bank

Name of the A/C Holder: Registrar, IISc

IF\$ Code: SBIN0002215

MICR Number: 560002020

Swift Code: SBININBB425

This Course will be limited to thirty candidates only. Hence, early registration is strongly encouraged.

Accommodation

Accommodation will be arranged for a limited number of participants in the Hoysala Guest House in IISc campus on advanced request at a nominal fee of Rs. 1000/- per day for participants from academic institutes and Rs. 1500/- per day for industrial participants. Note that accommodation charges are not included in the course fee and should be paid by the participants directly. Preference for accommodation will be given to participants coming from outside Bengaluru.

Address for Correspondence

Application Form Submission & Accommodation Request to:

The Officer-in-Charge
Centre for Continuing Education (CCE)
Indian Institute of Science
Bengaluru – 560 012

Telephone: 080-23600911, 22932055/2491

Email: admin@cce.iisc.ernet.in/
office@cce.iisc.ernet.in

Short Term Course On

“ADVANCED FLOW CYTOMETRY”

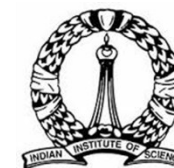
5-10 June, 2017



Course Co-ordinator

Dr. William Rasican Surin

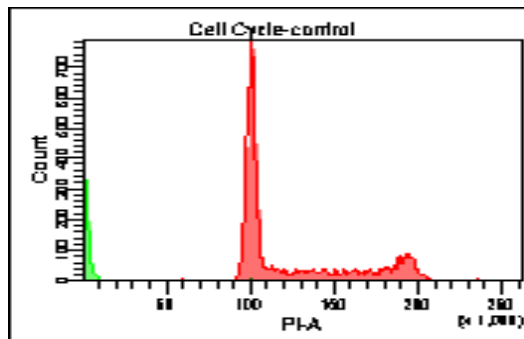
Dept. of Microbiology and Cell Biology



**Centre for Continuing Education
Indian Institute of Science
Bengaluru – 560 012
(www.cce.iisc.ernet.in)**

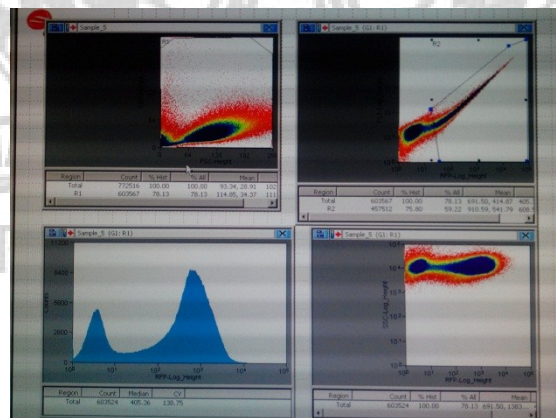
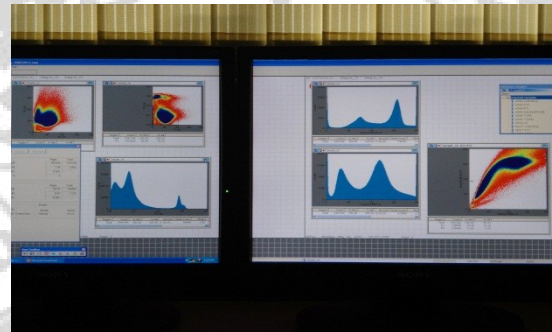
Course Content

- Flow Cytometry Principles
- Flow Cytometry and Microscopy
- Light and matter, Optical systems, Light sources, Light collections, Detectors
- Flow systems, Electronic measurements, Analog signal processing, Digital signal processing, Performance (Precision, Sensitivity and Accuracy)
- Data analysis, Goals and methods
- Computer systems for flow cytometry, Frequency distributions, Primary data, Single and Multi-parameter data analysis
- Flow sorting, single cell sorting, droplet sorting, Measure of cell sorter performance (Purity, Yield and Efficiency)
- Biohazard control and biosafety in flow cytometers and sorters. Parameters, Probes, Flow cytometers-applications.



Course Benefit

- This course will help the participant to understand the basic principle and operations of flow cytometry in various diverse areas of biological studies.
- This course includes wet labs.
- Participants will be demonstrated with the planning, designing and analysis of experiments for/by flow cytometry



CENTRE FOR CONTINUING EDUCATION
INDIAN INSTITUTE OF SCIENCE
BENGALURU – 560 012

REGISTRATION FORM “ADVANCED FLOW CYTOMETRY” 5-10 June, 2017

Name:.....

Gender: Male / Female

Designation:.....

Organization:.....

Address:.....

Email Address:.....

Telephone: Mobile:.....

Qualification: Experience: Yrs

Accommodation Required?* YES / NO

Payment:

D.D. No:..... Dt..... Rs.

The Demand draft should be drawn in favor of “The Registrar, Indian Institute of Science”, payable at Bengaluru. Kindly note that Electronic Transfer facility is also available for group registration see the details in the brochure

Date: Signature of Applicant

*Hoysala Guest House bill should be paid directly by the participant candidate.