

## DST STUTI ICT

# A hands-on-training on Flow Cytometry

29 NOV-05 DEC  
2022 | VARANASI

Under the scheme of  
Synergistic Training program Utilizing the Scientific and Technological Infrastructure (STUTI)  
An initiative by the Department of Science and Technology, India  
Organized by the Institute of Chemical Technology, Mumbai (PMU)  
Hosted by Department of Pharmaceutical Engineering & Technology,  
Indian Institute of Technology (Banaras Hindu University), Varanasi, UP

### ABOUT THE HOST INSTITUTION

The holy city of Varanasi, one of the oldest living cities on earth, is also known as the city of temples, lights, and learning. Established in 1919, the Indian Institute of Technology (Banaras Hindu University) owes its existence to the farsighted vision of its founder Bharat Ratna Mahamana Pandit Madan Mohan Malaviya. Initially, three engineering and technological institutions were established, namely, BENCO in 1919, MINMET in 1923, and TECHNO in 1932. The first-ever bachelor's degree in Ceramics, Electrical, Mechanical, Metallurgy, and Mining Engineering, and Pharmacy in India was pioneered at BHU, while Pharmacy was the first in Southeast Asia. Later, BENCO, MINMET, and TECHNO merged to form the Institute of Technology (IT-BHU) in 1968. In 2012, IT-BHU was converted into IIT (BHU), Varanasi.

The Department of Pharmaceutical Engineering & Technology came into existence in 1934 under the leadership of Professor Mahadev Lal Schroff, the first Head of the erstwhile Department of Pharmaceutics. Over the last eighty-eight years, the department has been continuously imparting quality education to produce pharmacists befitting to the requirements of industry and society and thus contributing to the growth and expansion of pharmaceutical education and research across the country.

### ABOUT THE PROGRAM

DST welcomes all the participants for the workshop on Hands-on-Training in Flow Cytometry organized under STUTI. This workshop is aimed to provide a detailed understanding of the principles, instrumentation, and applications of flow cytometry in pharmaceutical and biological sciences. The participants will be provided Hands-on-Training on the instrument – experimental design, instrument handling, data acquisition, interpretation, and troubleshooting. Participants will have a chance to interact with subject experts and also analyze their own samples (with prior approval).

### KEY RESOURCE PERSON

Prof. Rakesh K. Singh  
Institute of Science,  
Banaras Hindu University

Dr. Samerandra K. Singh  
School of Biotechnology,  
Banaras Hindu University

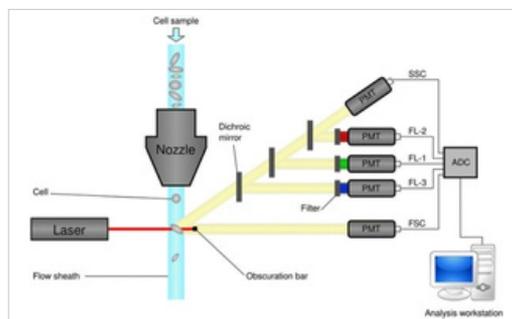
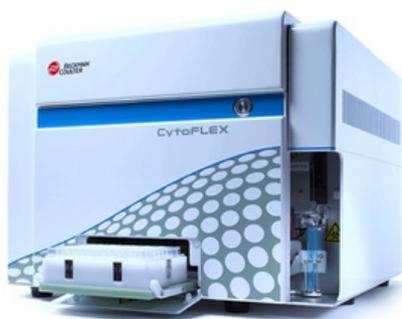
Dr. Hemant Agrawal  
Director-Flowcytometry  
Solutions Pvt Ltd, Jaipur

Prof. Sunit Kumar Singh  
Institute of Medical Sciences,  
Banaras Hindu University

Dr. Vikas Kumar  
IIT Delhi

Dr. Geeta Rai  
Department of Molecular &  
Human Genetics, Institute of  
Science,  
Banaras Hindu University

Dr. Abhishek Suresh Dhoble  
IIT (BHU)



### WORKSHOP DETAILS

#### Eligibility:

The minimum qualification should be Post Graduate (Science/ Pharmacy) or B. Tech. (Technology/Pharmacy), Faculty Members/Scientists/ Post-Doc Fellows, Ph. D. Fellows, and Industry Personnel actively involved in R&D.

Duration: 7 days

No. of participants: 30 (Not more than 3 people from one Institute are allowed)

For selected candidates, domestic train travel (if funds are available), Accommodation, if required, and food will be covered by IIT (BHU), Varanasi.

**REGISTRATION  
DEADLINE:  
NOVEMBER  
8, 2022**

### REGISTRATION

Scan the QR code



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<https://bit.ly/DSTSTUTIICT-IITBHU>

NO REGISTRATION FEE

### CONTACT DETAILS

#### DST STUTI ICT

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#### IIT (BHU), Varanasi, UP

Dr. Alakh N Sahu  
(Host Institute Coordinator)  
Dr. Jairam Meena  
(Host Institute Co-Coordinator)  
Department of Pharmaceutical  
Engineering & Technology  
Email: ansahu.phe@iitbhu.ac.in

#### Workshop Location

IIT (BHU)  
Banaras Hindu University Campus,  
Varanasi, Uttar Pradesh 221005