

## Hands-on Training Programme for Biopharmaceutical Product Development at ICT, Mumbai, from February 3-8, 2020



The poster features logos for BIRAC (ignite innovate incubate), the Department of Biotechnology (Ministry of Science & Technology, Government of India), and NBM (National Biopharma Mission). The background shows a scientist in a lab coat working with laboratory glassware.

### Training Programme on Biopharmaceutical Product Development

**Date:** 3-7 February 2020 | **Venue:** Institute of Chemical Technology, Mumbai

**Sponsored under National Biopharma Mission**

Overview: Specialized training programme aims to establish a Skill Development Platform for the development of Human Capital for Biopharmaceutical Startups and Industries. It shall cover various aspects of Biopharmaceutical Product Development with special emphasis on developing Monoclonal Antibodies

#### Programme Coverage

Module 1	Module 2	Module 3	Module 4
Downstream Process Purification and Formulation	Cell Line Development and Upstream Bioprocessing	Biophysical Characterization of Biologics and Biosimilars	Analysing Critical Quality Attributes using Mass Spectroscopy and Capillary Electrophoresis

#### HIGHLIGHTS

- ▶ Workshop covering experiments and data interpretation for Clone to Clinic Pathway
- ▶ Renowned national and international industry experts as trainers and speakers
- ▶ Excellent opportunity to interact with innovators and regulators
- ▶ Sponsored 5-days hands-on-training workshop including accommodation for out-station participants
- ▶ Applicants shall be able to select either one of the four modules for hands-on-training

For detailed information, please visit:  
[www.nbmworkshops.com](http://www.nbmworkshops.com)  
For any queries:  
[nbmworkshop@biotech.co.in](mailto:nbmworkshop@biotech.co.in)

Organising Partner: ICT (Institute of Chemical Technology)  
Management Partner: BCIL (Biocon Bioprocess Innovation Centre)

**LAST DATE FOR APPLICATION: 14<sup>th</sup> January, 2020**

The workshop will provide hands-on training to participants on every critical step of the biopharmaceutical development process including clone development and upstream processing, downstream processing, biophysical characterization and critical quality attribute (CQA) analysis at host institute the Institute of Chemical Technology (ICT), Mumbai, from February 3-8, 2020. The workshop will be conducted as a Biopharmaceutical Skill Development Program supported by the National Biopharma Mission (NBM), BIRAC, Government of India.

The program aims at establishing skill development platform for the growth and expansion of human capital for the benefit of biopharmaceutical startups- and industries. Furthermore, the specialized training shall include biopharmaceutical product development, with special emphasis on developing monoclonal antibodies. The major sessions of workshop shall include (i) Cell line development and Upstream Bioprocessing, (ii) Critical Quality Attributes of Biologics and

Biosimilars, (iii) Biophysical Characterization of Biologics and biosimilars Module, and (iv).  
Downstream Purification.

People from Industry, Startups, Research Institutions, Academic Institutions, Government Bodies, etc. with minimum academic qualification of Bachelors in Technology/masters degree and at least 2 years of work experience are eligible to apply for the programme.

For online registration click at: <https://www.nbmworkshops.com/staticApply.htm>

Dr. Bilqeesa Bhat  
Project Scientist,  
[bhat.bilqeesa3000@gmail.com](mailto:bhat.bilqeesa3000@gmail.com)