

## DST STUTI ICT

# A hands-on-training program on Analytical Techniques for Characterization of Pharmaceuticals and Biopharmaceuticals

26 SEP - 02 OCT  
2022 | Mumbai

Under the scheme of **Synergistic Training program Utilizing the Scientific and Technological Infrastructure (STUTI)**

An initiative by **Department of Science and Technology, India**

Organized by **Institute of Chemical Technology, Mumbai (PMU)**

Hosted by **Principal K. M. Kundnani College of Pharmacy, Mumbai**

### ABOUT THE HOST INSTITUTION

Principal K. M. Kundnani College of Pharmacy (KMKCP) was established in 1971, by the Hyderabad (Sind) National Collegiate Board, nestled in South Mumbai, by the coastline of the Arabian sea near Gateway of India. The college is known for its state-of-the-art research facilities funded by various government agencies and the Pharma Industry. Due to strong bonds with India's Pharmaceutical and allied industry, KMKCP offers excellent employment opportunities to its students through campus placements. In 2016, KMKCP received the DST-FIST grant which was used to create strong infrastructural facilities to cater to high-quality research through coordinated interdisciplinary efforts by all departments.

### ABOUT THE PROGRAM

The training program aims to give an overview of the theoretical and practical aspects of sophisticated instruments acquired under the DST-FIST funds in drug design and development by stalwarts from the respective areas. Daily live demonstrations and hands-on sessions conducted by experts in the field along with a field visit at India's most reputed premier National Facility for High-Field NMR in Tata Institute of Fundamental Research (TIFR) is a major highlight of the program.

Practical exposure to instruments includes:

1. Bruker FT IR
2. CADD Schrodinger software cluster
3. Electrolab 8 station Sophisticated Dissolution tester
4. Brookfield Texture analyzer
5. BioTek Microplate reader
6. ERBA Biochemical analyzer
7. BioRad Thermal Cycle and gel electrophoresis
8. Powerlab invasive blood pressure and ECG measurement
9. Field visit to NMR facility at TIFR

### 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

Accommodation, if required, and food will be provided

### REGISTRATION

Scan the QR code



OR

[CLICK HERE](#)

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

**NO REGISTRATION FEE**

**REGISTRATION DEADLINE:**

**SEPTEMBER 14, 2022**

### CONTACT DETAILS

#### DST STUTI ICT

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