



BOMBAY COLLEGE OF PHARMACY

An Autonomous Institute Affiliated to University of Mumbai

In association with



Organizes

ONE DAY WORKSHOP

3D PRINTING TECHNOLOGY: FUTURE OF PHARMACEUTICAL INDUSTRY



Saturday, 16th March 2024

Objective:

- ❖ To provide exposure to Customized Drugs, Organ on Chip – Microfluids and Drug testing with 3D Printing.
- ❖ To gain basic know-how of the CAD Modelling, materials and 3D Printing process.

Workshop content

- ❖ Introduction to 3D Printing in Pharmacy
- ❖ Technology Showcase
- ❖ Case Studies
- ❖ Panel Discussion : Policy makers, Researchers, Pharma Industry and 3D experts.



IMPORTANT DATES

Early Bird Registration: 15th February 2024

Last date of Registration: 07th March 2024

Who should participate?

- ❖ Students and Faculty from all branches of Pharmaceutical Sciences, Biomedical Engineering, Chemistry, Material Sciences, Tissue Engineering, Life Sciences domains.
- ❖ Industry Professionals, Researchers and Start-ups from Pharmaceutical, Biomedical, Material Science industry
- ❖ Policy Makers, 3D printing experts, Microfluidic Designers and others.

Benefits for participants:

- ❖ Exposure to cutting-edge 3D technology
- ❖ Demonstration of 3D printing equipment
- ❖ Enhanced understanding of the role of 3D printing in pharmaceutical research and development
- ❖ Networking opportunities with experts



ABOUT ORGANIZERS

ABOUT INSTITUTE

Bombay College of Pharmacy (BCP) is a pioneer institution in Pharmaceutical education in India. BCP was founded in 1957 by the Indian Pharmaceutical Association- Maharashtra State Branch (IPA-MSB). The institute offers Bachelors, Masters and Doctoral programs of study in Pharmaceutical Sciences. BCP has a DST-sponsored National Facility for Research and training that is equipped with various sophisticated instruments for characterization of pharmaceuticals and other products. The Department of Pharmaceutics is engaged in highly collaborative and collegial environment for empowering the students with knowledge and skills for outstanding careers in pharmaceutical industry, academia, regulatory agencies, and research institutions. Faculty of the Pharmaceutics Department are involved in cutting-edge, multidisciplinary and translational research in advanced drug delivery system.

ABOUT 3D GRAPHY LLP

3D GRAPHY LLP is a consortium of 3d experts promoting 3D technology in India for last one decade to educate dental and medical fraternity to benefit from the technology. It was inaugurated by the former minister for Industries in 2018. The primary goal is to conduct training, events and offer innovative platforms including services. 3D GRAPHY LLP – is the one of the first company in India to have activated different platforms. The platforms **include 3D GRAPHY ASSOCIATE CORPORATE MEMBERSHIPS, 3D GRAPHY EVENTS, 3D GRAPHY NEWS, 3D GRAPHY TRAINING, 3D GRAPHY SHOP MART, 3D GRAPHY LAB & 3D GRAPHY HUB.** 3D Technologies we are currently promoting includes **3D Printers, 3D Scanners, 3D Imaging, 3D Design, 3D Software, 3D Simulation, 3D Visualization – Augmented reality, Virtual reality, Mixed reality and 3D Printable Materials** both in polymer and metal. All the details can be found in the company website - WWW.3DGRAPHY.IN

ORGANIZING COMMITTEE

PATRONS

Dr. N Sivaprasad
President, The IPA-MSB

Mr. Nitin Maniar
Hon. Secretary, The IPA-MSB
Chairman, Governing Body-BCP

Dr. Shibu John
Founder & CEO,
3D GRAPHY LLP

CONVENER

Prof. Krishna Iyer
I/C Principal

COORDINATOR

Dr. Ujwala Shinde
Assoc. Professor & HOD of Pharmaceutics

CO-COORDINATOR

Dr. Clara Fernandes
Assoc. Professor of Pharmaceutics

WORKSHOP AGENDA

8.30 am- 09.00 am	REGISTRATION
9.00 am to 9.30 am	INAUGURATION CEREMONY
09.30 am to 10.00 am	Topic: 3D Printing for customised drug manufacturing” Speaker: Dr. Prakash Katakam
10.00 am to 10.30 am	Topic: 3D Printing for Microfluidic Devices Speaker: Dr. Yughandar Arcot
10.30 am to 11.00 am	Topic: 3D Bioprinting for Biomedical Applications Speaker: Dr. Falguni Pati
11.00 am to 11.30 am	Tea & Coffee break
11.30 am to 12:00 noon	Topic: 3D Bioprinting for Pharmaceutical Industry Speaker: Dr. Pallab Dutta
12:00 noon to 12:30 pm	Topic: 3D bioprinting for engineering complex human tissue equivalents and drug testing Speaker: Mr. Manish Amin
12:30 pm to 01:00 pm	Topic: TBA
01.00 pm to 02.00 pm	Lunch & Networking
02:00 pm to 03:00 pm	Panel Discussion
03.00 pm to 06.00 pm	Demo & Showcase

SPEAKERS PROFILE



Dr. Prakash Katakam,
Professor & Principal,
Indira College of Pharmacy, Maharashtra



Dr. Falguni Pati,
Associate Professor & HOD,
Indian Institute of Technology, Hyderabad



Dr. Yughandar Arcot,
Microfluidics Engineer & Designer,
Bigtec Private Ltd.



Dr Pallab Datta,
Assistant Professor,
National Institute of Pharmaceutical Education and Research, Kolkata



Mr. Manish Amin,
Director, Avay Biosciences Pvt. Ltd.,
Bengaluru

REGISTRATION DETAILS

CATEGORY	REGISTRATION IN INR*	
	Before 15 th February 2024	After 15 th February 2024
Student <i>(Postgraduates, project associates, PhD Scholars, postdoctoral researchers, scientists)</i>	1000/-	1500/-
Academia	2000/-	2500/-
Industry	5000/-	5500/-

***The above fee is inclusive of 18% GST. Registration once done, cannot be cancelled. No refunds will be provided under any circumstances**

Account details

**Beneficiary name: The IPAMSB's Bombay
College of Pharmacy Autonomous**

Bank name: Canara Bank

Branch: Kalina

Account No.: 0116101079370

IFSC code: CNRB0000116

THE IPA MSB

OR



10194446079370@cnrb

For Registration:

[Click here](#)

OR



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