

Registration

Caution deposit/person	INR. 500/-
Registration deadline : 10th September 2018	

Registration form along with the caution deposit should reach on or before registration deadline.

Registration is limited to first 30 participants only.

Eligibility: Faculty members from Pharmacy Institutions of India, approved by the AICTE.

TA (Three Tier AC or actual) and accommodation will be provided for the first 30 teacher participants only.

Accommodation for non teacher participants shall be arranged on request against payment.

Mail your registration forms to:

The Principal
Manipal College of Pharmaceutical Sciences
Manipal – 576 104, Karnataka, INDIA.
Tel: +91 820 2922482, 2922433
Fax: +91 820 2571998
Email: cpe.mcops@manipal.edu

Please super scribe the envelope with
“QIP September 2018”

Department of **Pharmaceutical Quality Assurance** was established in the year 2002 in MCOPS. The department has established itself as a well known centre for training bright young minds in Quality Assurance. The department has state of the art analytical equipment like LCMS-MS, HPLC (3 numbers), DSC, GCMS, HPTLC along with spectrophotometers. From 2008, the department also runs a PG course in Regulatory Affairs. The department is active in research, running projects sponsored by various national and international funding agencies and private companies. Department also offers external consultancy in analysis and regulatory services.

Dept. of **Pharmaceutical Biotechnology** established in the year 2005, has carved a niche for itself with rich expertise in the areas of microbiology, bioprocess technology and molecular biology. The Department has built up infrastructure. Department has received grants from Governmental bodies viz., DST, DBT and AICTE. The Department offers a two year Post graduate program (M.Pharm) in Pharmaceutical Biotechnology. Consultancy and Research activities are undertaken by Faculty in the areas of bioactivity screening, antimicrobial assays, RT-PCR studies, Protein purification etc.

Department of **Pharmacy management** is established in 1971 and is the first to offer M. Pharm. In Pharmaceutical Marketing. Since then the department has grown in its stature, reach and strength. The department trains students in various managerial aspects to take up leadership and decision making positions in pharmaceutical industry, research and academia as a result of rigorous training given to them. So far, about 400 alumni have graduated from the department who are in various leadership positions in different pharmaceutical companies in India and abroad. Some of our alumni has embarked on entrepreneurial journey and have established themselves as successful entrepreneurs in pharmaceutical sector. Some of the notable alumni are donning the hats of being CEO's and Managing Directors of pharmaceutical companies



MANIPAL COLLEGE
OF PHARMACEUTICAL SCIENCES
MANIPAL
(A constituent unit of MAHE, Manipal)

AICTE sponsored Quality Improvement
Program on

**“Strategies in managing quality of
biologicals and biosimilars”**

17 – 29 September 2018



Organised by

Manipal College of Pharmaceutical Sciences

(A constituent unit of MAHE, Manipal)

Manipal - 576 104, Karnataka, India.

www.manipal.edu/mcops



About MAHE

Manipal Academy of Higher Education is synonymous with excellence in higher education. Over 28,000 students from 57 different nations live, learn and play in the sprawling university town. It also has nearly 2500 faculty and almost 10000 other support and service staff, who cater to the various professional institutions in health sciences, engineering, management, communication and humanities. The university has off-campus in Mangaluru, Bengaluru, Jaipur and off-shore campuses in Dubai (UAE) and Melaka (Malaysia). Every institute has world class facilities and pedagogy, which are constantly reviewed and upgraded to reflect the latest trends and developments in higher education.

Manipal College of Pharmaceutical Sciences (MCOPS):

A constituent institute of MAHE, Manipal which was established in 1963. MCOPS offers DPharm, BPharm, MPharm, PharmD, PharmD. Post Baccalaureate and PhD programmes. The college celebrated its Golden Jubilee during the year 2012-13. The college is ranked 251-300 in QS World Ranking. MCOPS has been ranked number ONE amongst Pharmacy Institutions of India by NIRF, MHRD, Govt. of India in 2016.

AICTE has identified this institution as a center for Quality Improvement Program (QIP). College is organizing QIP regularly for the benefit of pharmacy teachers.

The college has many research projects funded by various industries and government funding agencies. It boasts of a centralized state-of-art library, research center and centers of excellence. The college is attached to one of the best teaching hospital - Kasturba Hospital.

About this QIP

Therapies based on biologic products have been a disruptive innovation in the pharmaceutical industry due to their success in targeting previously unmet medical needs. Sales of biologics reached 142 billion USD in 2011. Complex biological products, such as monoclonal antibodies are patented in late 1990s. The patent expiration for many of these drugs are nearing. The patent of the top ten selling biologics spans the years from 2012 to 2019. The approval of new regulations in the biopharmaceutical industry, together with current global socioeconomics, technological innovations, and the patent expiry of biologics are the main drivers for the rise of the biosimilars market.

New regulations, healthcare expenditure cuts and advances in manufacturing techniques have determined the appearance of a new market for biosimilars, which is comparable to that of generic drugs. This QIP will equip the participants with the required expertise and knowledge about the challenging biological and biosimilar molecules. Objectives of the QIP:

1. To understand the quality specifications and regulations of biosimilar and biologicals.
2. To appreciate the challenges involved in discovery, engineering and evaluation of biopharmaceuticals.
3. To analyse market dynamics of biopharmaceuticals globally.

Venue: Manipal College of Pharmaceutical Sciences, Manipal, Udupi District, Karnataka State.

Organising Departments

- Pharmaceutical Quality Assurance – Sept. 17 - 20
- Pharmaceutical Biotechnology – Sept. 21 – 25.
- Pharmacy Management – Sept. 26 – 29.

Registration Form

(additional forms may be photocopied)

Name:

Age: Sex:

Qualification:

Designation:

Department:

Institution:

Address:

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City: State:

Mobile:

Email:

Caution deposit details: DD for INR

DD. No:Date:

Drawn on:

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Signature of Participant Attestation signature

(Principal/HOD)

Caution deposit of INR 500/- per person with the application, should be made in the form of DD drawn in favor of Manipal University Conference / Workshop payable at Manipal.

Caution Deposit will be refunded when the applicant attends the program