



**L. M. College of Pharmacy, in association with M. G. Science Institute
and Shri B.V. Patel Education Trust**

organises

THREE DAYS HANDS-ON WORKSHOP

ON

**“Modern Microbial Testing: Techniques and Best
Practices for Sterile Product Manufacturing”**

17-19 JULY, 2025



Supported By

AIC-LMCP and SSIP-LMCP

Navrangpura, Ahmedabad – 380009, Gujarat.

<https://www.lmcp.ac.in/>

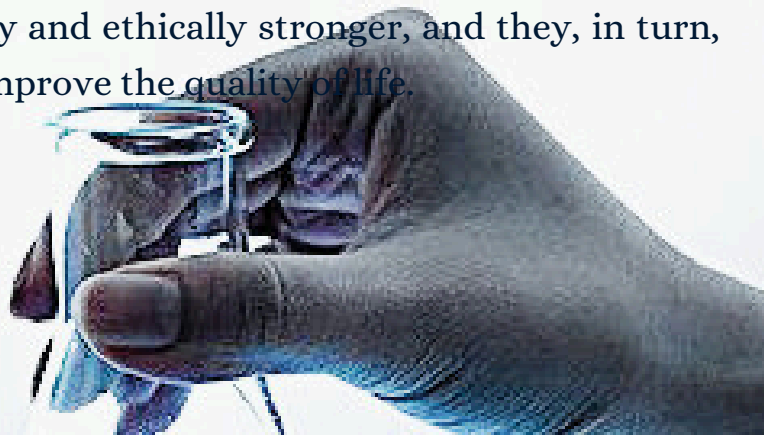


ABOUT L. M. COLLEGE OF PHARMACY

Lallubhai Motilal College of Pharmacy (LMCP) was established in 1947 by the Ahmedabad Education Society. LMCP is affiliated with Gujarat Technological University and recognized by the Pharmacy Council of India. The college is awarded “A” grade by NAAC and has been conferred autonomous status by UGC. The college offers a variety of courses in Pharmacy, D. Pharm, B. Pharm, Pharm. D., Pharm. D. (PB), M. Pharm and Ph.D. programme. The vision of college is to excel in pharmacy education and engage in cutting-edge research to advance healthcare and drug discovery. Its mission is to foster an innovative and learning-centered education and research environment. The college leads in innovative research in pharmaceutical, biomedical, and clinical sciences. LMCP is also a nodal center for Student Start-up and Innovation Policy of Govt. of Gujarat. AIC-LMCP Foundation is an Atal Incubation Centre hosted by LMCP and supported by Atal Innovation Mission, NITI Aayog, Govt. of India. Its main objective is to provide a platform to translate innovative ideas into successful businesses in the pharmaceutical and healthcare sectors and foster entrepreneurship in these sectors.

ABOUT M. G. SCIENCE INSTITUTE

Mafatlal Gagalbhai Science Institute (MGSI), Established in 1946, the Institute is affiliated to Gujarat University and has a grant-in-aid status from the govt.of Gujarat. It has carved its path to eminence through sheer dynamism and dedication of its founder fathers and educators. MGSI is a leading institute offering BSC ,MSC and Certificate courses in various disciplines of science. The institute is managed by a premier educational trust: The Ahmedabad Education Society (AES). The institute has been accredited at “A” Grade by KCG (GoG), and thrice (2007, 2014 & 2021) by NAAC. The mission of M.G. Science Institute is to be a centre of excellence in science education and research. We aim to impart quality science education with an emphasis on all round development of the students. We, at M. G. Science Institute envisage to build a progressive learning community with scientific aptitude. We would set global standards to make our students scientifically and ethically stronger, and they, in turn, will serve the nation and human society to improve the quality of life.



ABOUT SHRI B.V. PATEL EDUCATION TRUST

Shri B.V. Patel Education Trust is established in the fond memory of the First Drug Controller of Gujarat, Shri Bhupendrabhai V. Patel in the year 1974. Vision and Mission of the Trust is educational activities in the field of pharmacy and allied sciences to support pharma industry with skilled scientists / technocrats / management professionals. To fulfil this goal the Trust carries out various programmes like International Symposiums, Hands on Training Workshops, Industry- Oriented Dissertation Programs etc. The Trust also conducts Shri B.V. Patel Essay Competition annually where students / academicians / industry professionals from various field can participate. In addition to this the Trust also organises Shri B.V. Patel Memorial Lecture every year in 'Indian Pharmaceutical Congress' where the winners of Essay Competition also receive medals and cash prize. The Trust is also planning to start Certificate Courses for pharma and allied science graduates to prepare them for industry oriented skilled human resource. The Trust is also working to come up with innovative programmes to support students and promote educational activities in Gujarat

ABOUT AIC-LMCP FOUNDATION

AIC-LMCP Foundation is a non-profit (Section 8 Company) incubator hosted by L. M. College of Pharmacy, which is governed by Ahmedabad Education Society, Ahmedabad. It is one of the Atal Incubation Centres supported by Atal Innovation Mission, Niti Aayog, Government of India, under the AICs and the EICs program to nurture innovative start-up businesses in their pursuit to become scalable and sustainable enterprises by creating world-class incubation facilities. The main goal of this foundation is to provide a platform for the stakeholders – i.e. students, early entrepreneurs, startups - to convert their innovative ideas into successful business proposals and thus, fostering entrepreneurship in the field of pharmaceuticals and healthcare.



ABOUT WORKSHOP

The workshop provides a detailed information about microbiological testing methods to meet regulatory requirements and improve efficiency in sterile product manufacturing. It covers topics like validation of microbiological test methods, modern microbial testing, Bacterial Endotoxin Testing, Antimicrobial activity, Environmental monitoring, Microbial Control Risk Assessment, and Alternative Rapid Microbial Testing Techniques. Interactive sessions provide practical guidance on implementing harmonized methods, such as best practices sterility tests and bacterial endotoxin testing, along with discussions on challenges like objectionable microorganisms and cleanroom contamination. This workshop provides in depth knowledge and training as per Pharmaceutical industries with 4.0 and 5.0 industrial applications. This workshop is targeted for microbiologists, quality control personnel, and regulatory professionals. The workshop aims to equip participants with strategies for compliant and effective microbial testing procedures and techniques. The knowledge acquired through this workshop will be helpful to researchers for designing microbial testing for their developed molecules and Pharmaceutical Products. Participants will be upskilled to conduct microbial testing of unknown moieties as well. Student can even do microbial testing of their compounds!

LEARNING OUTCOMES

- 1. Understand the fundamentals behind the Aseptic Techniques.*
- 2. Gain hands-on experience on Modern Microbial Testing.*
- 3. Develop skills for Best practices for sterile product manufacturing*
- 4. Enhance technical knowledge to troubleshoot the problems.*
- 5. Practical Result showcasing and a detailed discussion about results.*
- 6. Insights into the career prospects in the field of Pharmaceutical microbiology*
- 7. Advanced industrial 4.0 and 5.0 applications, microbiological sterility testing in industries.*



REGISTRATION DETAILS

Eligibility: B. Sc., M. Sc., B. Pharm, M. Pharm, Pharm. D, Ph. D students, Industry professionals and Academicians from various disciplines such as Pharmacy, Biotechnology, Microbiology and Allied Health Sciences.

Participants: Maximum 30 (on a first-come, first-served basis)

Registration fees:

1) INR 1416 (including 18% GST) for students and research scholars.

2) INR 1770 (including 18% GST) for academicians, industry professionals and start ups.

Last date for registration: 28 June, 2025

Registration link: <https://forms.gle/5Jv89sfSxt5YtsYu8>

Mode of payment: Online (Registration fees include registration kit, hands-on training with relevant chemicals & reagents, meals during the days of workshop)

Payment link: Scan the QR Code or Click on the below link

<https://eazypay.icicibank.com/eazypayLink?P1=qknnsH4NrT8WtEXKKzwNAg==>



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ORGANISING COMMITTEE

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Venue: Shri Hasmukhbhai Chudgar Hall, L. M. College of Pharmacy,
and Microbiology lab, M. G. Science Institute. Navrangpura,
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