



**KERALA STATE DRUGS &
PHARMACEUTICALS LTD. (KSDL)**
A Government of Kerala Undertaking

INDUSTRY INTEGRATED ON THE JOB TRAINING (OJT) PROGRAM

Making Life Science & Pharmacy Graduates
GMP-Ready and Industry-Relevant

**FOR B. Pharm, M. Pharm
B.Sc, M.Sc STUDENTS
IN CHEMISTRY &
MICROBIOLOGY**





KERALA STATE DRUGS & PHARMACEUTICALS LTD. (KSDP)

Kerala State Drugs & Pharmaceuticals Ltd (KSDP) is a state-owned pharmaceutical manufacturing enterprise under the Government of Kerala, engaged in the production of essential medicines for public health systems.

The organization operates in compliance with WHO-GMP manufacturing standards and is equipped with state-of-the-art manufacturing facilities designed for large-scale production of multiple pharmaceutical formulations.

KSDP provides structured exposure to real-time pharmaceutical manufacturing environments, enabling participants to gain practical insight into GMP-compliant production processes. In addition, KSDP's NABL-accredited quality control laboratory offers hands-on experience in analytical testing and operation of advanced laboratory instruments, further strengthening technical competence and industry readiness.

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Kerala State Drugs & Pharmaceuticals Ltd. (KSDP) invites B.Pharm, B.Sc., and M.Sc. students in Chemistry and Microbiology, along with their respective colleges across Kerala and India, to partner in a structured, PSU-led On-the-Job Training (OJT) program conducted at its GMP-compliant pharmaceutical manufacturing facility.

This industry-integrated program is designed to bridge the critical gap between classroom learning and real-world pharmaceutical





manufacturing practices, equipping students with hands-on exposure to GMP systems, quality control, quality assurance, production, microbiology, and regulatory practices essential for careers in the pharmaceutical and life sciences industries.

The OJT program ensures participants graduate with practical skills, regulatory awareness, and industry readiness, aligned with current pharmaceutical manufacturing standards.

RELEVANCE OF THE TRAINING PROGRAMME

Qualifying students often lack a clear understanding of shop-floor manufacturing operations and documentation discipline. There is limited practical exposure to Good Manufacturing Practices (GMP), Schedule M compliance, and hands-on familiarity with Quality Assurance (QA), Quality Control (QC) systems, audits, and validation processes. As a result, pharmaceutical companies typically invest 6-12 months in induction, retraining, and on-the-job orientation before recruits become fully productive.

KSDP's Industry-Integrated On-the-Job Training (OJT) Program directly addresses this skills gap by providing structured, real-world exposure within a GMP-compliant pharmaceutical manufacturing environment, effectively bridging the divide between academic learning and the operational realities of the pharmaceutical manufacturing industry.

LEARNING OUTCOMES FOR STUDENTS AND COLLEGES

- Understand real-world GMP implementation
- Gain hands-on exposure to pharma manufacturing workflows
- Develop regulatory awareness & documentation discipline
- Become industry-ready with reduced induction time
- Industry-integrated training aligned with B.Pharm curriculum
- Improved student employability & placement readiness
- PSU-certified OJT enhances academic value
- Strengthens academia-industry collaboration

PROGRAM HIGHLIGHTS

- Structured Public Sector Undertaking led OJT
- Hands on exposure to real GMP manufacturing operations
- Blended model: Digital classroom + shop floor training
- Training by experienced KSDP technical professionals
- Assessment based certification

PROGRAM STRUCTURE

- Batch size : **60 Students**
- Batches per year : **10 Batch**
- Program duration : **1 month**
- Coverage

Week 1 GMP Foundations

GMP principles, Schedule-M,
Regulatory framework

Week 2 Manufacturing Operations

Shop-floor exposure (OSD & liquids),
batch manufacturing records

Week 3 Quality Systems

QC & QA work flows, analytical testing
and QA documentation principles

Week 4 Utilities and assessment

Utilities & validation, audits, final
assessment & certification

Program Fee :
₹.10,000/-
per student (indicative)

Fee includes

- Structured GMP OJT (1 month)
- Digital classroom sessions
- Plant exposure & supervised training
- Study material & LMS access
- Assessment & certification