

TRAINING ON PHARMACEUTICAL INDUSTRY



+91 7842430123



contact@pertecnica.in



7th Floor, Dega Towers,
Rajbhavan Road, Hyderabad



www.pertecnica.net

ABOUT US

Welcome to Pertecnica, where knowledge meets expertise! As a leading employee training institute, we specialize in a diverse range of sectors, providing top-notch induction trainings, refresher courses, and elevating skills through our upgradation programs. We take pride in offering mandatory trainings that ensure compliance and safety trainings across various sectors/industries especially in the dynamic sector of Pharmaceuticals. At Pertecnica, we are your partners in growth, fostering a culture of continuous learning and development. Join us on a transformative journey.



+91 7842430123

contact@pertecnica.in



7th Floor, Dega Towers,
Rajbhavan Road, Hyderabad



www.pertecnica.net

INDUCTION TRAININGS

- for Pharmaceutical industry

Good Manufacturing Practices (GMP) Training:

- Comprehensive training on the principles and regulations of Good Manufacturing Practices in the pharmaceutical industry.
- Understanding of hygiene, cleanliness, and quality control measures to ensure the production of safe and effective pharmaceuticals.
- Practical sessions for hands-on application of GMP standards in manufacturing processes.

Introduction to Pharmaceutical Manufacturing Processes:

- In-depth training on the various stages of pharmaceutical manufacturing, from raw material sourcing to final product packaging.
- Understanding of different manufacturing technologies, equipment, and process validation.
- Practical demonstrations and simulations for a comprehensive understanding of pharmaceutical production.

Quality Control and Assurance Training:

- Comprehensive training on quality control procedures and assurance measures in pharmaceutical manufacturing.
- Understanding of testing methodologies, specifications, and compliance standards.
- Practical exercises and case studies for hands-on experience in maintaining high-quality standards.



Regulatory Compliance and Documentation Training:

- In-depth training on pharmaceutical regulatory requirements and documentation procedures.
- Understanding of regulatory submissions, inspections, and adherence to legal standards.
- Practical applications for ensuring compliance with global regulatory bodies.

Safety and Health in Pharmaceutical Facilities:

- Comprehensive training on safety protocols, hazard identification, and emergency response in pharmaceutical manufacturing environments.
- Understanding of personal protective equipment (PPE) usage, chemical safety, and ergonomic considerations.
- Practical drills and simulations for hands-on experience in maintaining a safe working environment.

Introduction to Research and Development (R&D) in Pharmaceuticals:

- In-depth training on the basics of pharmaceutical research and development processes.
- Understanding of pre-clinical and clinical trials, drug discovery, and formulation development.
- Practical exposure to the research and development aspects of the pharmaceutical industry.

Pharmaceutical Packaging and Labeling Training:

- Comprehensive training on packaging and labeling processes specific to pharmaceutical products.
- Understanding of packaging materials, labeling requirements, and serialization.
- Practical exercises and demonstrations for hands-on experience in pharmaceutical packaging.



Pharmacovigilance and Adverse Event Reporting:

- **In-depth training on pharmacovigilance principles and procedures for monitoring and reporting adverse events.**
- **Understanding of risk management, signal detection, and regulatory reporting obligations.**
- **Practical scenarios and case studies for hands-on experience in pharmacovigilance activities.**

Good Laboratory Practices (GLP) Training:

- **Comprehensive training on the principles and regulations of Good Laboratory Practices in pharmaceutical research and development.**
- **Understanding of laboratory protocols, data integrity, and documentation standards.**
- **Practical sessions for hands-on application of GLP standards in laboratory settings.**

Introduction to Pharmaceutical Compliance and Ethics:

- **In-depth training on industry-specific compliance requirements, ethical standards, and professional conduct.**
- **Understanding of compliance with data integrity, confidentiality, and industry guidelines.**
- **Practical applications for ensuring employees adhere to ethical practices and industry regulations.**



REFRESHER TRAININGS

- for Pharmaceutical industry

Advanced Good Manufacturing Practices (GMP):

- In-depth review of updated GMP regulations and standards in the pharmaceutical industry.
- Advanced training on hygiene practices, cleanliness, and quality control measures.
- Practical sessions for reinforcing and applying GMP standards in current manufacturing processes.

Current Trends in Pharmaceutical Manufacturing Processes:

- Updated insights into the latest advancements and technologies in pharmaceutical manufacturing.
- Review of current manufacturing practices, equipment, and process validation methodologies.
- Practical demonstrations and case studies to apply new knowledge to the existing manufacturing environment.

Advanced Quality Control and Assurance:

- Review of advanced quality control procedures, testing methodologies, and compliance standards.
- Updated understanding of specifications and quality assurance measures in pharmaceutical manufacturing.
- Practical exercises and real-world scenarios for applying advanced quality control principles.



Recent Developments in Regulatory Compliance:

- In-depth review of recent changes in pharmaceutical regulatory requirements and documentation procedures.
- Updates on regulatory submissions, inspections, and adherence to evolving legal standards.
- Practical applications to ensure compliance with the latest global regulatory changes.

Advanced Safety and Health Practices in Pharmaceuticals:

- Refreshed training on advanced safety protocols, hazard identification, and emergency response.
- Updated understanding of personal protective equipment (PPE) usage, chemical safety, and ergonomic considerations.
- Practical drills and simulations to reinforce and update safety practices in the pharmaceutical workplace.

Emerging Trends in Pharmaceutical Research and Development (R&D):

- Exploration of emerging trends and innovations in pharmaceutical research and development.
- Updates on cutting-edge technologies, drug discovery methodologies, and formulation development.
- Practical exposure to the latest developments in pharmaceutical R&D through case studies and projects.

Advanced Pharmacovigilance and Adverse Event Reporting:

- Review of advanced pharmacovigilance principles and procedures for monitoring and reporting adverse events.
- Updates on risk management, signal detection, and regulatory reporting obligations.
- Practical scenarios and case studies for hands-on experience in advanced pharmacovigilance activities.



Cutting-edge Technologies in Pharmaceutical Manufacturing:

- Exploration of recent technological advancements impacting pharmaceutical manufacturing.
- Updated knowledge on automation, Industry 4.0, and digitalization in the pharmaceutical industry.
- Practical applications to integrate cutting-edge technologies into current manufacturing processes.

Latest Trends in Pharmaceutical Packaging and Labeling:

- Review of recent developments in pharmaceutical packaging materials, labeling requirements, and serialization.
- Updates on innovative packaging solutions and labeling technologies.
- Practical exercises and demonstrations for hands-on experience with the latest trends in pharmaceutical packaging.

Advanced Good Laboratory Practices (GLP):

- In-depth review of advanced GLP principles and regulations in pharmaceutical research and development.
- Updates on laboratory protocols, data integrity, and documentation standards.
- Practical sessions for applying and reinforcing advanced GLP standards in laboratory settings.



SKILL UPGRADATION PROGRAMME

- for Pharmaceutical industry

Advanced Analytical Techniques in Pharmaceutical Testing:

- In-depth training on advanced analytical methods and techniques used in pharmaceutical testing.
- Hands-on experience with cutting-edge instrumentation such as High-Performance Liquid Chromatography (HPLC), Mass Spectrometry, and Nuclear Magnetic Resonance (NMR).
- Practical applications through case studies and real-world samples to enhance analytical skills.

Biopharmaceutical Manufacturing Training:

- Comprehensive training on the principles and processes of biopharmaceutical manufacturing.
- Hands-on experience in cell culture techniques, downstream processing, and purification methods.
- Application of advanced bioprocessing technologies and equipment for upskilling in biopharmaceutical production.

Advanced Formulation Development Techniques:

- In-depth exploration of advanced formulation development strategies for pharmaceutical products.
- Hands-on experience in developing solid oral dosage forms, injectables, and novel drug delivery systems.
- Practical applications through case studies and formulation optimization exercises.



Data Science and Artificial Intelligence in Drug Discovery:

- Training on the integration of data science and artificial intelligence in pharmaceutical research.
- Hands-on experience with data analysis, machine learning algorithms, and predictive modeling in drug discovery.
- Application of advanced computational tools for efficient drug candidate identification.

Regulatory Affairs and Compliance Certification:

- In-depth training on advanced regulatory affairs principles and compliance requirements.
- Comprehensive understanding of global regulatory submissions, approvals, and post-market compliance.
- Application of regulatory strategies and documentation in line with international regulatory standards.

Advanced Project Management in Clinical Trials:

- Training on advanced project management methodologies specifically tailored for clinical trials.
- Hands-on experience in project planning, execution, and monitoring in the context of pharmaceutical research.
- Application of advanced project management tools and techniques for successful clinical trial management.

Validation and Qualification in Pharmaceutical Manufacturing:

- In-depth training on advanced validation and qualification processes in pharmaceutical manufacturing.
- Hands-on experience with equipment validation, process validation, and cleaning validation.
- Application of risk-based approaches and advanced validation protocols for ensuring compliance.



Pharmaceutical Supply Chain Management Certification:

- **Comprehensive training on advanced principles of supply chain management in the pharmaceutical industry.**
- **Hands-on experience with demand forecasting, inventory management, and logistics optimization.**
- **Application of advanced supply chain strategies for improving efficiency and minimizing risks.**

Advanced Pharmacokinetics and Pharmacodynamics Training:

- **In-depth exploration of advanced pharmacokinetic and pharmacodynamic principles.**
- **Hands-on experience with population pharmacokinetics, modeling, and simulation.**
- **Application of advanced PK/PD concepts in drug development and optimization of dosage regimens.**

Lean Six Sigma for Pharmaceutical Processes:

- **Training on Lean Six Sigma methodologies for process optimization and efficiency improvement.**
- **Hands-on experience with Lean tools and Six Sigma principles applied to pharmaceutical manufacturing.**
- **Application of Lean Six Sigma techniques for continuous improvement in pharmaceutical processes.**



MANDATORY TRAINING

- for Pharmaceutical industry

Current Good Manufacturing Practices (cGMP) Training:

- In-depth training on cGMP principles to ensure compliance with regulatory standards.
- Understanding of hygiene practices, cleanliness, and documentation requirements.
- Practical applications for implementing cGMP standards in pharmaceutical manufacturing processes.

Ethics and Compliance Training:

- Comprehensive training on ethical conduct, professional behavior, and compliance standards.
- Understanding of industry-specific compliance requirements, data integrity, and confidentiality.
- Practical scenarios and case studies for applying ethical principles and compliance guidelines.

Health and Safety in Pharmaceutical Facilities:

- In-depth training on safety protocols, hazard identification, and emergency response.
- Understanding of personal protective equipment (PPE) usage, chemical safety, and ergonomic considerations.
- Practical drills and simulations for hands-on experience in maintaining a safe working environment.



Pharmaceutical Regulatory Compliance Certification:

- Training on pharmaceutical regulatory requirements and documentation procedures.
- Comprehensive understanding of regulatory submissions, inspections, and adherence to legal standards.
- Application of regulatory strategies to ensure compliance with global regulatory bodies.

Quality Management System (QMS) Training:

- In-depth training on the principles and implementation of Quality Management Systems.
- Understanding of quality control procedures, testing methodologies, and compliance standards.
- Practical exercises and case studies for hands-on experience in maintaining high-quality standards.

Good Laboratory Practices (GLP) Certification:

- Comprehensive training on GLP principles and regulations in pharmaceutical research and development.
- Understanding of laboratory protocols, data integrity, and documentation standards.
- Practical sessions for applying GLP standards in laboratory settings.

Risk Management in Pharmaceutical Operations:

- Training on identifying and managing risks associated with pharmaceutical operations.
- Comprehensive understanding of risk assessment methodologies and mitigation strategies.
- Application of risk management principles in day-to-day pharmaceutical activities.



Emergency Response and Evacuation Procedures:

- **Comprehensive training on emergency response protocols and evacuation procedures.**
- **Understanding of emergency communication systems, evacuation routes, and assembly points.**
- **Practical drills and simulations for hands-on experience in emergency response and evacuation.**

Pharmaceutical Data Security and Confidentiality Training:

- **In-depth training on data security measures and confidentiality requirements in the pharmaceutical industry.**
- **Understanding of secure data handling, access control, and protection against cyber threats.**
- **Practical applications for safeguarding sensitive pharmaceutical data.**

Employee Well-being and Mental Health Awareness:

- **Training on promoting employee well-being and awareness of mental health issues.**
- **Understanding of stress management, work-life balance, and mental health support resources.**
- **Practical initiatives for creating a supportive and healthy work environment.**



SAFETY TRAINING

- for Pharmaceutical industry

Chemical Handling and Hazardous Materials Safety:

- In-depth training on the safe handling of chemicals and hazardous materials used in pharmaceutical manufacturing.
- Understanding of chemical properties, storage requirements, and emergency response procedures.
- Practical demonstrations and simulations for hands-on experience in safe chemical handling.

Cleanroom Safety and Sterile Manufacturing Practices:

- Comprehensive training on safety protocols specific to cleanroom environments in pharmaceutical facilities.
- Understanding of aseptic techniques, gowning procedures, and contamination prevention.
- Practical exercises for maintaining a sterile environment and minimizing contamination risks.

Machine Guarding and Equipment Safety:

- In-depth training on the proper use and maintenance of pharmaceutical manufacturing equipment.
- Understanding of machine guarding principles, safety interlocks, and emergency shutdown procedures.
- Practical applications for ensuring the safe operation of machinery in pharmaceutical processes.



Personal Protective Equipment (PPE) and Respiratory Protection:

- Training on the correct selection, usage, and maintenance of personal protective equipment.
- Understanding of respiratory protection measures, fit testing, and proper PPE disposal.
- Practical drills and demonstrations for hands-on experience with PPE and respiratory protection.

Emergency Response and Evacuation Procedures:

- Comprehensive training on emergency response protocols and evacuation procedures.
- Understanding of emergency communication systems, evacuation routes, and assembly points.
- Practical drills and simulations for hands-on experience in emergency response and evacuation.

Fire Safety and Fire Extinguisher Training:

- In-depth training on fire safety principles and preventive measures in pharmaceutical facilities.
- Understanding of fire extinguisher types, usage techniques, and evacuation procedures.
- Practical fire extinguisher training exercises for hands-on experience in fire safety.

Electrical Safety and Lockout/Tagout Procedures:

- Training on electrical safety protocols and precautions in pharmaceutical manufacturing.
- Understanding of lockout/tagout procedures for safely servicing and maintaining equipment.
- Practical applications for implementing and following electrical safety measures.



Biological and Chemical Spill Response Training:

- **Comprehensive training on responding to biological and chemical spills in pharmaceutical laboratories.**
- **Understanding of spill response procedures, containment measures, and decontamination protocols.**
- **Practical drills and simulations for hands-on experience in managing spills safely.**

Ergonomics and Musculoskeletal Safety:

- **In-depth training on ergonomics principles to prevent musculoskeletal disorders in the workplace.**
- **Understanding of proper workstation setup, lifting techniques, and ergonomic equipment usage.**
- **Practical exercises for applying ergonomic principles to reduce the risk of workplace injuries.**

Radiation Safety Awareness in Pharmaceutical Research:

- **Training on safety measures and awareness when working with radioactive materials in pharmaceutical research.**
- **Understanding of radiation shielding, exposure limits, and monitoring procedures.**
- **Practical applications for safely handling and working with radioactive substances.**

