SUMMER INTERNSHIP PROGRAM

at

Piramal Pharma Limited

From 12th May 2025 to 21th July 2025

A REPORT BY

Shweta Kumari

Master of Business Administration

Pharmaceutical Management

Roll no-0713

2024-26

under the Mentorship of
Dr. Akshay Kumar Mishra

IIHMR University, Jaipur

Pirama
Pharma Solutions

July 11, 2025

To Whomsoever It May Concern

This is to certify that **Ms. Shweta Kumari,** Student of Bachelor of Pharmacy from IIHMR University, Jaipur underwent training from **12th May 2025 to 11th July 2025** in Project Management at our Plant.

During the aforesaid training, she appeared to be very sincere, honest, and hardworking.

For Piramal Pharma Limited

Vijayraj Chauhan
Sr. Manager-HR

IIHMR UNIVERSITY

IIHMR University Faculty Mentor Approval

This is to certify that **Ms. Shweta Kumari** of academic year **2024-26** Of **School Of Pharmaceutical Management has** prepared a poster with respect to her summer internship held during May-July 2025.

She has carried out work as per the guidelines. Her poster is approved for presentation.

Date: 30/07/2025

Dr. Akshay Kumar Mishra

(Associate Professor)

IIHMR University Jaipur

From Tech Transfer to Commercialization optimizing Turnaround Time(TAT) in CDMO projects at piramal pharma

Faculty Mentor: Akshay Kumar Mishra(IIHMR University)
Industry Mentor: Shilpy singh(Genral Manager)

Name: Shweta Kumari
Roll No: 0713
Stream: MBA PM-16

About Company

With a focus on Contract Development and Manufacturing (CDMO), Piramal Pharma Solutions provides comprehensive services ranging from drug development to commercialization. With robust capabilities in process development, technology transfer, and regulatory compliance, it helps international pharmaceutical partners expedite time-to-market while maintaining operational excellence and quality

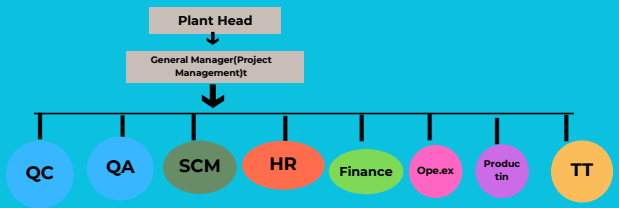
Vision

To deliver sustainable value to patients and stakeholders through innovation' and quality

Mission

Delivering superior, cutting-edge pharmaceutical solutions that improve global health outcomes is Piramal Pharma's mission

Organization Structure



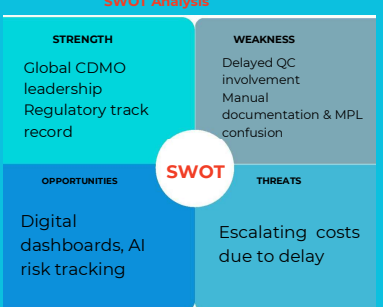
Major learning's from internship

Internship Overview

Issue Statement: Piramal's Tech Transfer (TT) projects take longer than expected because of a lack of digital integration, delays in licensing, QC testing, and documentation. Identifying bottlenecks in the TT lifecycle, conducting root cause analysis of significant delays, suggesting workable solutions, and accelerating commercialization are the goals.

The goals are to Locate bottlenecks in the TT lifecycle; Perform root cause analysis of significant delays; Offer workable solutions; and Quicken commercialization.

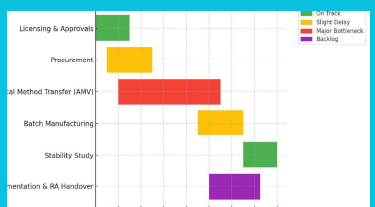
SWOT Analysis



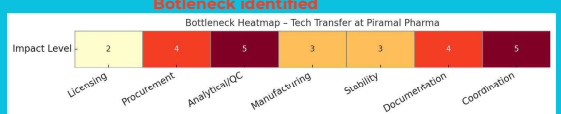
Root cause Analysis

Out-of-sequence documentation·Procurement approvals that are delayed AMV repetition and QC backlog (4.5+ months delay Insufficient buffer time and parallel tasking

Gantt Chart



Botleneck identified



Major learning

1.Cross-Functional Coordination:
Timely collaboration across QA, QC, RA, and Manufacturing is key to avoiding delays.
2.Effective Timeline Planning:
Gantt charting with buffer time ensures smoother, more predictable project flo
3.Identifying systemic issues helped reduce turnaround time by 30–40%

Challenges:

1.Delays in QC Involvement Extended timelines and repeated AMVs resulted from QC teams being looped in late.
2.Backlogs of documentation Slow approvals and handovers were caused by manual reviews and non-standard formats

Practical Vs Theoritical

Practical	Theoritical
worked on urgent tech transfer projects with tight deadlines and interdepartmental requirement	Studied about management of projects, how to tackle the problem
Actively collaborated with QA, QC, RA, SCM, and production teams for smooth execution	Learned about organizational behavior, team roles, and coordination models in pharma settings
Identified bottlenecks, proposed solutions like dashboards, standardized templates, and parallel execution	Gained academic knowledge on lean systems, Six Sigma, and process improvement models

Suggestions

1. Include QC at the Outset of the TT Process To prevent AMV delays and resource bottlenecks, include the QC team in the early stages of planning.
2. Put in place centralized project dashboards To increase visibility, track milestones, and close coordination gaps, use real-time trackers.
3. Standardize Templates & Documents To expedite reviews, develop standardized SOPs and checklists for regulatory, AMV, and BMR submissions

TOWS

SO: For quicker tracking, use dashboards and skilled QC.

WO: Reduce delays by automating AMV steps.

ST: Coordinate QC with regulatory schedules.

WT: Standardize documents and include QC as soon as possible.

Reporting Format (Weekly)

Name of the Organisation: Piramal Pharma

Area/ Department/ Project of Summer Internship Program: Management Trainee in project Management Department

Name of the Student: Shweta Kumari

Roll no: 0713 Stream: MBA PM-16

Week no: 1 From : 12.05.25 to 17.05.25

Activity Done	Underwent 6-day induction training covering organizational structure, CDMO operations, and departmental roles. Learned the Request for Proposal (RFP) flow
Linking theory (Classroom learning) with practice at your organization	Understood cross-functional interdependencies as discussed in strategic management and pharmaceutical production classes.
Gaps identified on the working area.	Not now
Suggestions for improvement	NO suggestions
Plan for the next week	Not planned

Signature of the Student Shweta kumari

Approved by the IIHMR University's Mentor

Reporting Format (Weekly)

Name of the Organization: Piramal pharma Limited

Area/ Department/ Project of Summer Internship Program: Management trainee at project management

Name of the Student: Shweta Kumari

Roll no: 0713 Stream: MBA pharmaceutical management

Week no: 2 From : 19.05.25 to 23.05.25

Activity Done	Attended a virtual meeting to understand project engagement planning. Explored API verification and client relationship management practices. Designed a PowerPoint presentation on Quality Department challenges.
Linking theory (Classroom learning) with practice at your organization	Applied finance and budgeting concepts from managerial accounting. Used knowledge from operations and regulatory subjects in understanding batch validation and launch timelines.
Gaps identified on the working area.	N|A
Suggestions for improvement	Introduce digital dashboards for PR cycle monitoring. Establish SOPs for vendor coordination and kickoff call protocols.
Plan for the next week	Not planned yet

Signature of the Student Shweta kumari

Approved by the IIHMR University

Reporting Format (Weekly)

Name of the Organisation: Piramal pharma solutions

Area/ Department/ Project of Summer Internship Program: Project management

Name of the Student: Shweta Kumari

Roll no: 0713 Stream: pm-16

Week no: 3 From : 26.05.25 to 30.05.25

Activity Done	Brief introduction of the site and different departments Learning about the Project Management department and the team members Discussion on client communication and cross-functional team interaction
Linking theory (Classroom learning) with practice at your organization	Concepts learned in Production & Operations Management and Regulatory Affairs aligned with real-time project tracking and documentation
Gaps identified on the working area.	Limited visibility of real-time challenges in project escalation process for interns
Suggestions for improvement	Include a structured on boarding document or checklist for interns Real-time simulation-based learning can be introduced for better understanding of escalation protocols
Plan for the next week	Attending project status meetings

Signature of the Student Shweta kumari

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Reporting Format (Weekly)

Name of the Organisation: Piramal Pharma Limited

Area/ Department/ Project of Summer Internship Program: Project Management Intern

Name of the Student: Shweta Kumari

Roll no: 0713 Stream: PM-16

Week no: 4 From 02.06.2025 to 06.06.2025

Activity Done	Shadowed project managers during team coordination and internal planning sessions Learned about critical path method (CPM) and its application in ongoing timeline
Linking theory (Classroom learning) with practice at your organization	Quality Management concepts like Root Cause Analysis were seen in practical use during team meetings
Gaps identified on the working area.	Some technical project documentation is shared in hard copy, making it difficult to reference frequently
Suggestions for improvement	Provide digital access to non-confidential sample documents for reference and self-learning
Plan for the next week	Continue contributing to formulation project tracker

Signature of the Student Shweta kumari

Approved by the IIHMR University's Mentor

Reporting Format (Weekly)

Name of the Organization: Piramal pharma Limited

Area/ Department/ Project of Summer Internship Program: Intern in project Management

Name of the Student: Shweta Kumari

Roll no: 0713 Stream: MBA PM-16

Week no: 5 From : 10.06.25 to 14.06.25

Activity Done	Assisted in project documentation, report preparation, and maintaining records. Followed up with team members on pending tasks and deliverables.
Linking theory (Classroom learning) with practice at your organization	
Gaps identified on the working area.	Some documents were not updated regularly, affecting data reliability.
Suggestions for improvement	No suggestion
Plan for the next week	Continue assisting in documentation, follow-ups, and meeting coordination.

Signature of the Student Shweta kumari

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Reporting Format (Weekly)

Name of the Organisation: Piramal Pharma Limited

Area/ Department/ Project of Summer Internship Program: Management trainee in project management team

Name of the Student: Shweta Kumari

Roll no: 0713 Stream: MBA Pharma

Week no: 6 From : 16 .06 .25 to 21.06.25

Activity Done	Observed the manufacturing layout and noted phase-wise activities. Attended a session with the General Manager to discuss expectations.
Linking theory (Classroom learning) with practice at your organization	Utilized Microsoft Excel for data sorting, activity-wise tracking, and identifying turnaround delays in tech transfer phases
Gaps identified on the working area.	Lack of real-time data visibility for project status updates. Coordination delays between formulation, QA, and regulatory departments
Suggestions for improvement	Implement centralized dashboard for project updates to reduce communication lag.
Plan for the next week	Collect department-wise activity timelines and reasons for deviation.

Signature of the Student Shweta Kumari

Approved by the IIHMR University's Me

Reporting Format (Weekly)

Name of the Organisation: Piramal pharma Limited

Area/ Department/ Project of Summer Internship Program: Management trainee in project management

Name of the Student: Shweta Kumari

Roll no: 0713 Stream: MBA pm-16

Week no: 7 From : 23.06.25 to 28.06.25

Activity Done	Attended stakeholder meeting regarding ongoing project status in Technology Transfer. Identified major bottlenecks, especially in the licensing stage. Participated in product launch training sessions.
Linking theory (Classroom learning) with practice at your organization	Nothing
Gaps identified on the working area	Poor real-time updates by cross-functional teams causing cascading delay
Suggestions for improvement	Weekly update meetings with cross-functional teams to ensure alignment and accountability.
Plan for the next week	Collaborate with QA and SCM teams to map process delays in BOM and BPR approvals. Draft a mini Root Cause Analysis (RCA) report for existing delays.

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Reporting Format (Weekly)

Name of the Organisation: Piramal pharma Limited

Area/ Department/ Project of Summer Internship Program: Project management Trainee

Name of the Student: Shweta Kumari

Roll no: 0713 Stream: MBS PM-16

Week no: 8 From: 30.06 to 05.07.25

Activity Done	Mapped current timelines vs. expected timelines across licensing, procurement, analytical method transfer, and batch manufacturing.
Linking theory (Classroom learning) with practice at your organization	Related Pharma Regulatory knowledge to understand the delays in licensing and QC documentation.
Gaps identified on the working area.	Lack of real-time tracking and poor documentation flow across departments.
Suggestions for improvement	Implement auto-notification alerts in LIMS to track pending QC activities and incoming raw materials.
Plan for the next week	Not known

Signature of the Student Shweta Kumari

Approved by the IIHMR University's Mentor

Reporting Format (Weekly)

Name of the Organization: Shweta Kumari

Area/ Department/ Project of Summer Internship Program: project management intern

Name of the Student: Shweta Kumari

Roll no: 0713 Stream: MBA PM-16

Week no: 9 From : 07.07.25 to 12.07.25

Activity Done	Developed Turnaround Time (TAT) reduction solutions using AI and NLP models.
Linking theory (Classroom learning) with practice at your organization	Applied classroom knowledge of Six Sigma and Lean tools to identify process inefficiencies Leveraged Digital Marketing & Communication skills to design impactful presentations.
Gaps identified on the working area.	Fragmented communication between analytical and procurement functions..
Suggestions for improvement	Assign dedicated cross-functional teams to each TT project to avoid handover delays.
Plan for the next week	Final dry run of the final presentation and internal submission. Prepare executive summary for project handover. .

Signature of the Student Shweta kumari

Approved by the IIHMR University's Mentor

COMPILED REPORT

Name of the Organisation: Piramal Pharma Limited

Area/ Department/ Project of Summer Internship Program: Management Trainee in project Management Department

Name of the Student: Shweta Kumari

Roll no: 0713 Stream: MBA PM-16

Week no: 1 to 10 From: 12.05.25 to 12.07.25

Activity Done	**Week 1** Induction, understanding project scope, introductory sessions with cross-functional teams. **Week 2** Observed API verification process, client meetings, documentation of critical project checkpoints. **Week 3** Monitored procurement timelines, discussed with sourcing and analytical development teams. **Week 4** Tracked registration batch timelines, documentation review for regulatory submissions. **Week 5** Assisted in batch execution and deviation handling process documentation. **Week 6** Data analysis of deviation logs and root cause evaluations. **Week 7** Reviewed stability study protocols and storage conditions. **Week 8** Created a flowchart for entire TT lifecycle from initiation to

	regulatory filing. **Week 9** Compiled leanings, finalized project timeline, prepared presentation for mentor.
Linking theory (Classroom learning) with practice at your organization	**Week** — **Theory Applied in Practice** 1 — Applied project management principles and stakeholder mapping. 2 — Quality assurance, regulatory alignment, and communication strategy. 3 — Lean Six Sigma and operational excellence in procurement. 4 — Regulatory filing theory including ANDA/NDA frameworks. 5 — Quality by Design (QbD), deviation handling, and risk management. 6 — Root Cause Analysis (RCA), Pareto and 5 Whys tools. 7 — ICH guidelines on stability testing. 8 — Workflow optimization and TAT (Turnaround Time) reduction techniques. 9 — Project lifecycle management and corporate presentation skills.
Gaps identified on the working area.	**Week** — **Gaps Observed** 1 — No central repository for knowledge transfer. 2 — Delayed communication between QA and RA. 3 — Unclear accountability in vendor follow-ups. 4 — Repeated dossier revisions due to unclear expectations. 5 — Missing feedback mechanism during live batch monitoring. 6 — Lack of standardized RCA documentation template. 7 — Absence of alerts for stability chamber excursions. 8 — Inconsistent milestone documentation across teams. 9 — New hires unaware of the overall TT lifecycle.

Suggestions for improvement	**Week** **Suggestions** 1 Create a digital repository for process documentation. 2 Weekly cross-functional sync-ups. 3 Develop and share a RACI matrix for procurement. 4 Implement dossier preparation checklist. 5 Introduce visual performance boards in production. 6 Standardize RCA template across departments. 7 Install automated alert system in stability chambers. 8 Mandatory project milestone tracking in shared tools. 9 Incorporate TT training in on boarding modules.
Plan for the next week	**Week** **Next Week Plan** 1 Begin workflow mapping and identify delays. 2 Work with analytical team on method transfer. 3 Learn batch registration and validation workflows. 4 Observe TT activities in pilot-scale production. 5 Analyze deviation reports for trends. 6 Review stability protocols and data entry. 7 Build full TT process timeline. 8 Finalize learning's and prepare final draft. 9 Submit final report and participate in review.

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