

PAYAL PATEL

Consulting Engineer



As a Modality Solutions Consulting Engineer, Payal Patel works closely with companies that are preparing to bring their pharmaceutical products to market, helping them to reduce their cold chain risks. The combination of a strong engineering education background, diverse research experience, and proficiency in critical software tools like MATLAB, AutoCAD, and LabView affords her a solid foundation for this role.

In partnership with our senior engineers, Payal conducts pharmaceutical cold chain risk assessments, develops cold chain validation strategies, and helps evaluate and select drug product thermal packaging. She also supports our pharmaceutical and biotech clients by developing protocols for real-world drug product shipments and conducting on-site evaluations of clinical trial sites for study viability.

Prior to joining Modality, Payal gained hands-on experience in product testing, data analysis, and packaging assessment throughout internships at a healthcare startup and a university lab. From analyzing experiential and test data, to conducting research on microbial decontamination, to creating sterile, compact packaging to protect catheters from damage, she developed the skills and capabilities to be successful as a Modality Consulting Engineer.

Known for her work ethic and innovative approach to tackling complex challenges, Payal is guided by three philosophies in her professional and personal life: “I believe there are no failures—just results to learn from,” she says. “And I believe it’s important to always stretch beyond my present abilities and to do whatever it takes to succeed.”

Payal enjoys the collaborative culture at Modality and the opportunity to broaden her skills through a wide range of responsibilities. When she’s not focused on helping our clients optimize their biopharmaceutical cold chains, she gravitates to outdoor activities like hiking and watersports.

Certifications

Engineering Project Management / Texas A&M University
Foundations of Project Management / Google

Education

B.S., Biomedical Engineering
M.S., Chemical Engineering

Texas A&M University
Texas A&M University