

RUPAL JINDAL

Consulting Engineer



As a consulting engineer, Rupal Jindal helps develop innovative cold chain engineering solutions for Modality Solutions biopharmaceutical clients that ensure the safety and regulatory compliance of their products. In this role, Rupal is responsible for creating streamlined process flow maps, executing HAZOPs, and analyzing the control properties of thermal shipping solutions. She is also involved in creating custom design of experiment (DOE) methods for clients requiring transport simulation testing.

At Modality Solutions, Rupal works closely with emerging therapy clients filing for regulatory approval, designing experiments that ultimately ensure the compliance of their cold chain transportation systems. Through this process, she evaluates and selects thermal shipper solutions, assists with risk assessments, and reports on their findings.

Prior to joining Modality Solutions, Rupal held internships at Spectral Energies of Dayton, Ohio, Bloom Energy of San Jose, California, and most recently, Cook Medical of Bloomington, Indiana. In these positions, she was involved in a range of design verification and validation initiatives, leading experiments to develop new testing methods, conducting data acquisition and analyses, recording testing results, and making recommendations accordingly.

Rupal holds a bachelor's degree in Chemical Engineering from The Ohio State University. She is proficient in SOLIDWORKS, MATLAB, JMP, Minitab, and Aspen.

Work Experience

Cook Medical

Bloom Energy

Spectral Energies, LLC

Bloomington, Indiana

San Jose, California

Dayton, Ohio

Education

Bachelor of Science, Biomedical/Medical Engineering

Texas A&M University