

Dushyant is a PhD researcher in the department of Fire Protection Engineering at the University of Maryland. His research focuses on material flammability and aims to provide a systematic methodology to predict upward flame spreads in corner fire scenarios. He was born in India and embarked on the research journey while pursuing masters in Chemical engineering at Texas A&M University. He worked at BakerRisk to assist in facility siting and risk assessment studies of chemical process industries and contribute to internal research team working on large-scale jet-fire experiments and fire shelter-in-place modeling. He then moved to University of Maryland to get hands-on experience with experimentation techniques and offer the background of chemical engineering to solve pressing fire engineering problems that impact the safety of people and the environment.