

**A One-Day Capacity Building Program on
Process Safety in scale up operations
Venue: Seminar Hall, GIDM Campus, Gandhinagar**

Time	Topic	Objectives	Resource Persons(s)
26 May 2026			
09:30 – 10:00	Breakfast		
10:00 – 10:15	Registration	<ul style="list-style-type: none"> • Online Registration 	GIDM
10:15 – 10:30	Inauguration & Pre-Test	<ul style="list-style-type: none"> • Pre-Test of Participants 	GIDM
10:30 – 11:30	Introduction to Scale Up and Process Safety	<ul style="list-style-type: none"> • Understand fundamentals of scale-up in chemical manufacturing • Identify scale-dependent challenges and causes of scale-up incidents • Recognize the impact of scale-up decisions on process safety 	Subject Matter Expert
11:30 – 11:45	Tea Break		
11:45 – 13:00	Hazard Identification in Scale Up	<ul style="list-style-type: none"> • Identify and classify hazards at different stages of scale-up • Understand the importance of process safety information • Gain awareness of thermal stability and reaction screening tools 	Subject Matter Expert
13:00 – 14:00	Lunch		
14:00 – 15:30	Risk Assessment and Control Strategies	<ul style="list-style-type: none"> • Understand prerequisites for conducting PHA • Learn appropriate PHA methodologies for scale-up processes • Develop effective risk control and mitigation strategies 	Subject Matter Expert
15:30 – 17:00	Scale Up of Reactive and Hazardous Processes	<ul style="list-style-type: none"> • Understand the concept of safe operating windows • Identify hazards related to solvents and catalysts • Apply learning through case study-based discussions 	Subject Matter Expert
17:00 – 17:15	Tea & Snacks		
17:15 – 17:30	Post Test, Valedictory	<ul style="list-style-type: none"> • Post Test of Participants • Feedback • Handing over certificates 	GIDM