

**e-ITEC Training Course on Industrial Safety and Chemical Emergencies  
February 20 to 24, 2023**

**Course Content:**

<b>Sl. No.</b>	<b>Topics</b>	<b>Faculty</b>
1.	An introduction about chemical disaster and basic chemistry	Sh G S Dang
2.	Chemical Process Safety and Fire Protection /Fire disaster/ BLEVE Explosion	Sh S N Mitra,
3.	Chemical Emergencies – Identification, Control Measures and Health risk	Dr Sunil Kumar
4.	Confined space - Safety precautions	Sh S L Chakaravorty
5.	Safety in transportation of hazardous substances by road	Sh S L Chakaravorty
6.	On-site and Off-site Emergency management plan – Case Studies	Sh S N Mitra
7.	Risk Assessment and Management in Chemical plant	Sh S N Mitra, Ex EIL
8.	Monitoring of Toxic gas release, chemical spill in soil and drinking water contamination / coastal water contaminations	Sh Rajkumar- IOCL
9.	Particulate matter in atmosphere	Sh G S Dang
10.	Economic impact on surrounding commercial and residential areas	Dr Anjan Ray ?
11.	Industrial disaster response <ul style="list-style-type: none"> <li>- Evacuation management-Shelters, water, food</li> <li>- Injury response and death outcome management</li> <li>- Long term health monitoring of affected individuals</li> <li>- Biodiversity impact management</li> </ul>	Sh S L Chakaravorty
12.	Chemical Disaster – First Aids	Dr G Thakkar

