



## One-day training workshop on HPTLC for Industrial Product Analysis

**20<sup>th</sup> July, 2022**

**DSIR-IITGN-CRTDH  
IIT Gandhinagar**

### **DSIR-IITGN-CRTDH**

*Department of Scientific & Industrial Research (DSIR) and IIT Gandhinagar (IITGN) together established a Common Research & Technology Development Hub (DSIR-IITGN-CRTDH) on Chemical Processes at IIT Gandhinagar (IITGN), Palaj, Gandhinagar. The initiative aims to engage MSMEs and other chemical industries to enhance their capabilities in technology know-how on effluent treatment, waste reduction, process improvement, research on new products and testing products/raw materials/effluents etc. Industry partners can be benefited from the state-of-the-art laboratory, pilot plant facilities as well as the interdisciplinary knowledge base at IIT Gandhinagar. The CRTDH at IITGN is arranging a one-day training workshop on "HPTLC for Industrial Product Analysis" for industry partners.*

### **Date and Venue of the Workshop**

**Date:** 20<sup>th</sup> July, 2022 (Wednesday) from 10:00 AM to 5 PM

**Venue:** Academic Block 5, Room Number 209, IIT Gandhinagar, Palaj, Gandhinagar-382055, Gujarat

**Registration:** No registration fees. But preregistration is must by sending the filled registration form through an email to [crtdh@iitgn.ac.in](mailto:crtdh@iitgn.ac.in). Limited seats available. Registration deadline 5 PM on July 19, 2022.

### **Tentative Program:**

- Recent development at DSIR-IITGN-CRTDH
- Facilities for industry members at IITGN.
- Quantification of unknown compound through HPTLC
- Challenges with complex samples
- Analysis using HPTLC hyphenated MS
- Case studies and application of HPTLC in various fields like new molecules, Dye, Textile, Herbal, Pharmaceuticals, Forensic, Food, etc.
- HPTLC and its sample preparation using USP 2017 article 1064 method; regulatory acceptance as per USP 202, 203, 1064 guideline and hands on demonstration.

