



Ministry of Science and Technology  
Department of Scientific and Industrial Research



## Workshop on

# Coating Technologies for Industrial Applications

15<sup>th</sup> December 2021

CSIR - Institute of Minerals and Materials Technology, Bhubaneswar

## Focus Areas

- Coatings for corrosion prevention
- Tribological applications
- Thermal barrier applications
- Transparent and anti-scratch coatings
- Coatings on Dhokra casting
- Hydrophobic/super hydrophobic coatings
- Decorative coatings
- Antimicrobial coatings

## Application Areas

- Chemical industries
- Metallurgical industries
- Mining & mineral processing
- Drinking water technology
- Small scale fabrication units
- Boilers & heat exchangers
- Watch industries

## About the Workshop

Institute of Minerals and Materials Technology being a premier research organization in metals and minerals is committed to find out customized scientific solutions to support MSE/MSME. A variety of coating technologies are being developed at CSIR-IMMT for specific needs of the industries. In addition, intellectual property is an important asset to protect these innovations and are vital for techno-economic development .

In this context, the one-day workshop will touch upon the scientific and technological interventions in coatings that are required by MSE/MSME sector and that can be extended by IMMT-DSIR CRTDH. In addition, an overview of IPR with specific emphasis to importance and impact, types of IPR and its significance for MSEs/start-ups will also be discussed.

## About IMMT-DSIR CRTDH

Entrepreneurship the Research and Technology Development through IMMT-DSIR Common Research and Technology Development Hub (IMMT-DSIR CRTDH) at CSIR-IMMT

In order to provide, technological solution, to mentor entrepreneurs/startups, alongside facilitating incubation of startups, the Common Research and Technology Development Hub (CRTDH) has been established at CSIR-IMMT, by the joint effort of CSIR-IMMT and Department of Scientific and Industrial Research (DSIR), Government of India. It's primary objective is to nurture and promote innovations in MSMEs and provide them R&D or knowledge-based support in the area of new materials and chemical processes. The aim is three-fold:

- Find a market for our innovations in the MSME sector
- Mentor, nurture, collaborate, or hand-hold MSMEs to develop innovations
- Provide enabling services such as IPR support, Laboratory facilities, Testing and analysis support for quality assurance, Auditing of existing production processes etc.

## Facilities



## Scope for Support from IMMT-DSIR-CRTDH

- Technology Upgradation
- Introduction of new technology
- Product/process diversification
- Targeted critical problem solving
- Testing, quality assurance & certification
- Facilitation for environmental clearance
- Training and mentoring
- Incubation support

## Tentative Programme

- 09:00 AM – 09:45 AM : Registration
- 10:00 AM – 10:30 AM : Welcome Address
- 10:30 AM – 01:00 PM : Technical Sessions (Presentation & Discussions)
- 01:00 PM – 02:00 PM : Lunch
- 02:00 PM – 04:30 PM : Visit to Facilities /Labs



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