National Productivity Council

Webinar Title: **"Advanced dispersion modeling for accurate Air quality prediction".**

Expert Speaker: Mr. Sharad Tripathi, Managing Director, Fluidyn, India & France

Webinar Date: 22nd September 2020;

Duration: 1.5 hours (15.00 hrs to 16.30 hrs)

About Webinar:

Use of Mathematical Modeling Tools for the prediction of Ambient Air Quality has been an integral part in the context of Environmental Impact Assessment over the past several decades. Beginning from a simple analytical model to calculate Ground Level Concentration (GLC) of atmospheric pollutants, this field has undergone several revisions due to technological innovations, duly driven by its prominence. This webinar enumerates the journey of Air Quality Models over the years along with their relevance and applicability in the contemporary engineering world.

Webinar Coverage:-

The webinar encapsulates:

- Air Quality Impact Assessment
- Basics of Air Quality Prediction Modeling
- Parametric significance of site features, Sources, Pollutants & Weather
- Various Modeling techniques and their evolution
- Model Limitations & applicability

Register to learn (Key Learnings' in bullet points):

- Air Quality Prediction using simulations
- Basics of Air Quality prediction models
- Modeling techniques and applicabilities
- Mathematical Modeling in EIA, Risk Assessment and Impact mitigation
- Research interests in Air Quality Modeling