

Web Talk Title: Biomass Energy – Torrefaction Vs Pyrolysis

About Webinar:

Biomass Energy based out of Thermal Conversion Processes uses heat as the governing mechanism to upgrade the biomass into a better and more practical fuel. The basic methodologies are Torrefaction, Pyrolysis, and Gasification. These are separated principally by the extent to which the chemical reactions involved are allowed to proceed (mainly controlled by the availability of oxygen and conversion temperature). There are other less common, more experimental or proprietary thermal processes that may offer benefits, such as Hydrothermal Carbonization. Some have been developed for use on high moisture content biomass, including aqueous slurries, and allow them to be converted into more convenient forms. In this webinar we will focus on the first two methods namely Torrefaction and Pyrolysis, and understand the process and their commercial viability.

Webinar Coverage:

- Understanding Torrefaction Process
- Pyrolysis – Hydro Thermal Carbonization

Speaker Profile:

Currently working as Assistant Director at Regional Directorate, National Productivity Council, Bengaluru. He has done his Bachelors of Engineering in Mechanical Engineering from Madras University with an experience of over 16 years, of which 6 years was in System Design of Sub Sea Components, High Pressure Systems, Thermal Systems, followed by Project Management and Energy Management for 5 years each. Started career as GAT in ISRO, then CSIR

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