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PRESS-RELEASE

Experts from across the country impart lessons on “Quality Engineering and Management” at the Industry Institute Interaction Facility (IIF) Delhi of IIT (ISM) as part of the Executive Development Program (EDP).

Experts from across the country congregated at the Industry Institute Interaction Facility (IIIF) of IIT (ISM) at Okhla, New Delhi, are busy pondering over the different aspects of quality engineering and management, including total quality management and Six Sigma; role of measurement in quality engineering and management; acceptance sampling plan; operating characteristics (OC) curves, etc.

The expert teachings are being imparted as part of the Executive Development Program (EDP) on Quality Engineering and Management being conducted by the Department of Mechanical Engineering of IIT (ISM) Dhanbad from September 17 to September 21, which was inaugurated on September 17 by Prof. SP Mukherjee, former Centenary Professor of Statistics and Former Dean, Statistics, Calcutta University, as Chief Guest.

Prof. Prem Vrat, Chairman, BoG, IIT (ISM), was also present during the function as Guest of Honor in online mode, while Prof. Sukumar Mishra, Director, IIT (ISM), presided over the inaugural function.

Prof. NK Singh, Department of Mechanical Engineering, who is also the convener of the EDP, while furnishing details of the EDP, said Prof. SP Mukherjee delivered a lecture on Define, Measure, Analyze, Improve, and Control (DMAIC) and Define, Measure, Analyze, Design, and Verify (DMADV) during the inaugural day on September 17.

Prof. Prem Vrat, Chairman, BoG IIT (ISM), threw light on material management as part of his lecture during the EDP.

Quality engineering and management have been applied in all fields of engineering for many decades for controlling, maintaining, and improving the quality characteristics of products and services, as well as research.

Quality engineering is a set of operational techniques that are used to ensure that the quality characteristics of a product are at nominal and desirable levels and that the variability around these levels is minimum.

Quality management, on the other hand, is coordinated activities to direct and control an organization with regard to quality.

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