



Asset Management Society, India

Cordially invites you to

Webinar Series-2024

Theme : The future of Engineering Asset Management

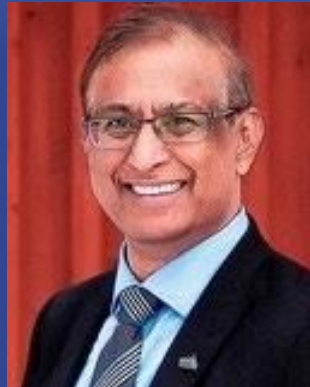
Title: Digital Transformation of Engineering Asset Management (Opportunities and Challenges)

**Date : Saturday,
20th January 2024**

**Time : 11:30 am to
12:30 pm (IST)**

Mode: MS Teams

SPEAKER



Dr. Uday Kumar

Chair Professor and Head

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Abstract:

Digital transformation symbolizes a paradigm shift in the management and utilization of engineering assets. The integration of digital technologies such as IIoT, AI, cloud computing, 5G/6G technologies etc. into engineering asset management processes, offers unprecedented opportunities for enhanced efficiency, predictive maintenance, and overall operational excellence. On the other digital transformation brings about a convergence of technological, business, and governance dynamics, posing known and unknown sets of challenges for organizations venturing into this paradigm shift.

This presentation explores the key components of digital transformation in engineering asset management, including sensor networks for real-time monitoring and data acquisition, data analytics for predictive maintenance, and AI-driven decision support systems. The presentation also examines the technological, business and governance related challenges arising from the need to restructure operational models, redefine customer interactions, and adapt to rapidly evolving market landscapes. By synthesizing insights from industry practices, and experiences from our case studies, R&D projects, etc., the presentation provides an overview of the multifaceted challenges that organizations face in the pursuit of digital transformation of engineering asset management practices.



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Dr. Ashutosh Sarkar
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