



# WEEKEND TALK

WEEK – 7  
No Participation Fee



## On Safety Engineering, Management and Analytics (SEMA)

Centre of Excellence in Safety Engineering and Analytics (CoE-SEA), IIT Kharagpur

CoE-SEA, IIT Kharagpur presents online “Weekend Talk on Safety Engineering, Management and Analytics (SEMA)”. The aim of this event is to disseminate the gamut of knowledge, information and good practices in SEMA to the stakeholders so that they could implement the latest analytics-based safety management systems at the workplaces.



Mr. Birendra Kumar Verma  
Joint President & Group Head  
Safety, Adani Group

## TOPIC: SAFETY PERFORMANCE INDICATORS FOR PROCESS INDUSTRIES



Prof. V K Tewari  
Director, IIT Kharagpur



Prof. J Maiti  
Chairman, CoE-SEA



Prof. O B Krishna  
Convener



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**Moderators:** Mom Mitra, Tata Steel. and Souvik Das (7384804020),  
Ashish Garg (7477514701), Sinjana Choudhuri, IIT Kharagpur  
**Contact us:** coesea2020@gmail.com

**Date**  
July 16, 2021

**Time**  
8.00 pm -9.00 pm (IST),  
10.30 am - 11.30 am (EDT),  
9.30 am - 10.30 am (CDT),  
7.30 am - 8.30 am (PDT),  
4.30 pm – 5.30 pm (CET)



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Center of Excellence in Safety  
Engineering and Analytics (CoE-SEA)

Prof. J Maiti  
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### TOPIC: SAFETY PERFORMANCE INDICATORS FOR PROCESS INDUSTRIES



**Mr. Birendra Kumar Verma**  
Joint President & Group  
Head Safety, Adani Group

Birendra Verma is renowned Industrial Safety expert in the country having served at most of the Indian great companies. He started his career as Researcher at CSIR's National Metallurgical Laboratory, Jamshedpur and had several publications in international journal. He later moved to industries and worked at Steel Melting Shop (SMS) of Usha Martin Industries Limited which is now part of Tata Steel. He joined Tata Steel in 1992 when Environmental Management Department was getting established. He contributed significantly in Tata Steel's goal on Environment friendly process optimization. He moved to Safety function in 2001 and was brain behind safety system evolution in Tata Steel under Dr. O B Krishna. It was his initiatives that Tata Steel established Process Safety Department in 2007 and was its founder Head. He later moved to Vedanta Aluminium Ltd as Vice President -Safety, Health and Environment, he later served as Sr. Vice President & Corporate Safety Head for UltraTech Cement and afterthat, he was elevated as Joint President & Group Head Safety for entire Aditya Birla Group. He was responsible for safety of their all operations and plant spread across 36 countries with more than 1.65 lakh employees. He is currently working as Joint President & Group Head Safety with Adani Group. He is proud of saving many lives across various industries during his career. He was also one of the key member in designing course on Industrial Safety Engineering with special focus on Process Safety for Tata Steel Officers along with Dr. O B Krishna, Dr. J Maiti and the current IIT, KGP Director, Prof. V K Tewari during 2008.



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