



WEEKEND

TALK

WEEK – 42
No Participation Fee



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

Prof. J Maiti
Chairman, CoE-SEA

Prof. O B Krishna
Convener

On Safety Engineering, Management and Analytics (SEMA)

Conducted under
“AZADI KA AMRIT MAHOTSAV”
- 75 years of India’s Independence



TOPIC: APPLICATIONS OF DATA ANALYTICS AND VIRTUAL REALITY FOR ACCIDENT CAUSATION AND PREVENTION



Dr. Krantiraditya Dhalmahapatra
Assistant Professor
Thiagarajar School of
Management, Tamil Nadu

Dr. Krantiraditya Dhalmahapatra is currently working as Assistant Professor in Thiagarajar School of Management, Madurai, Tamil Nadu, India. He obtained his PhD from the Department of Industrial and Systems Engineering, Indian Institute of Technology Kharagpur, with 6 years of experience focused on bridging the gap between the rapidly advancing technological developments and the safety management systems of organizations through integration of Data Analytics (DA) and Virtual Reality (VR). He obtained his B. Tech and M. Tech in Mechanical Engineering and Production Engineering from Institute of Technical Education and Research, Bhubaneswar, Odisha and Veer Surendra Sai University of Technology, Burla, Odisha, respectively. His research areas include Data Analytics, Machine Learning, Virtual Reality, Operations Management, and Multi Criteria Decision Making. He has published research articles in reputed journals such as Safety Science (Elsevier), Computers & Industrial Engineering (Elsevier), Reliability Engineering & System Safety (Elsevier), and Applied Soft Computing (Elsevier). He has served as reviewer in several journals such as Interactive Learning Environments (Taylor & Francis), Safety Science (Elsevier), Virtual reality and Intelligent hardware (Elsevier), etc.

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Moderators: Mom Mitra, Tata Steel, and Souvik Das (7384804020), Ashish Garg (7477514701), Sinjana Choudhuri, Sween Josco, IIT Kharagpur
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Date
March 18, 2022

Time
08.00 pm -09.00 pm (IST),
09.30 am - 10.30 am (EDT),
08.30 am - 09.30 am (CDT),
06.30 am - 07.30 am (PDT),
03.30 pm – 04.30 pm (CET)