



WEEKEND TALK

WEEK – 16
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.



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



Prof Rajagopalan Srinivasan, Head,
American Express Lab for Data Analytics,
Risk & Technology, IIT Madras

TOPIC: ENGINEERING HUMAN PERFORMANCE IN THE WORKPLACE: COGNITIVE APPROACHES FOR MEASURING, MODELLING, MONITORING & SHAPING PEOPLE’S BEHAVIOUR



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
September 17, 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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Prof Rajagopalan Srinivasan,
Head, American Express Lab for
Data Analytics, Risk &
Technology, IIT Madras

Rajagopalan Srinivasan is a Professor of Chemical Engineering and the Head of the American Express Lab for Data Analytics, Risk & Technology (DART Lab) at IIT Madras. Raj received his B.Tech from the Indian Institute of Technology Madras and PhD from Purdue University. He was a researcher at Honeywell Technology Centre, Minneapolis, before joining the National University of Singapore as a faculty. In 2013, he moved to IIT Gandhinagar, where he established the Centre for Safety Engineering. Safety and sustainability are the key themes of Raj’s research program, which is targeted towards developing systems engineering approaches for the design and resilient operation of complex systems. He has authored or co-authored over 440 international journal and conference papers. He is a consultant to DRDO and the Department of Atomic Energy and over 20 well-known companies such as ABB, ExxonMobil, Honeywell, and Shell. He was recognized by Elsevier’s journal Computers & Chemical Engineering as one of the most prolific authors in the history of the journal. He has received Best Paper Awards from several journals & conferences. He is an Associate Editor of several premier journals, including Process Safety and Environmental Protection, Frontiers in Energy Research, and PLOS One. He is also on the Editorial board of over 20 journals. His teaching has been recognized by NUS through a Gold Medal for innovative teaching and internationally by the Award of Merit from the Association for Media Technology in Education in Canada.

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